

BOROUGH OF



LEICESTER.

---

# ANNUAL REPORT

ON THE

HEALTH AND SANITARY CONDITION  
OF THE BOROUGH,

WITH

Quarterly and Yearly Tables of Deaths,

FOR 1882,

BY

VILLIAM JOHNSTON, M.D.,

MEDICAL OFFICER OF HEALTH.

---

LEICESTER :

GEO. GIBBONS & CO., PRINTERS AND PUBLISHERS, 47, KING STREET.



Digitized by the Internet Archive  
in 2017 with funding from  
Wellcome Library

<https://archive.org/details/b29724910>

# BOROUGH OF LEICESTER.

---

## SANITARY COMMITTEE.

---

FRANCIS HEWITT, Esq., MAYOR.

### CHAIRMAN:

MR. ALDERMAN WINDLEY.

### MEMBERS:

COUNCILLOR	ASHBY,	MR. COUNCILLOR	MARSHALL,
"	BRUIN,	"	" MATHER,
"	CLEAVER,	"	" MEADOWS,
"	CLIFTON,	"	" NEALE,
"	COLTON,	"	ALDERMAN PAGET,
"	CROW,	"	COUNCILLOR ROWLEY,
"	DICKS,	"	" SLADEN,
"	FRANKLIN,	"	" UNDERWOOD,
"	GIMSON,	"	ALDERMAN WHEELER,
"	GODDARD,	"	COUNCILLOR WILFORD,
"	JESSOP,	"	" WOOD.

---

*Committee meet every Friday, at the Committee Room, Town Hall, at half-past  
Three o'clock in the Afternoon.*

# CONTENTS.

---

## HEALTH AND VITAL STATISTICS.

	PAGE.
Births ... ..	5
Deaths ... ..	7
Life Tables ... ..	12
Zymotic Mortality ... ..	19
Fever Hospital ... ..	24
Zymotic Diseases :	
Small Pox ... ..	22
Measles ... ..	24
Scarlet Fever ... ..	27
Continued Fever ... ..	29
Diarrhœa ... ..	32
Special Report on Consumptive Diseases ... ..	32
Local Diseases ... ..	40
Development Diseases ... ..	41

## HEALTH DEPARTMENT.

Sanitary Work ... ..	42
Unwholesome Food ... ..	44
Well Waters ... ..	44
APPENDIX ... ..	47

# MEDICAL OFFICER'S REPORT, 1882



TO THE SANITARY COMMITTEE OF THE COUNCIL  
OF THE BOROUGH OF LEICESTER.

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to submit to you my Annual Report as to the Health and Mortality of the Borough, with a detailed statement of the Sanitary work carried out during the year 1882.

The present Report is, upon the whole, the most favourable I have as yet laid before you for consideration.

I would respectfully draw your special attention to the sections under "Fever Hospital" and "Scarlet Fever," where the benefits to the town arising from the compulsory registration of infectious diseases have, to my mind, been clearly established. Here I have shown that, although the late epidemic of scarlet fever had not been rendered shorter in its duration than in other towns where it prevailed, still the large number of patients removed to the Fever Hospital in the last three years arrested the full prevalence of the disease and reduced the mortality below that experienced in those towns where isolation was not secured on so extensive a scale.

The Report also includes the results of an enquiry I made last year touching the mortality in the Borough from Consumptive diseases during the four years, 1878—81.

## BIRTHS.

The number of births registered during the year 1882 amounted to 4,855, and showed an increase of 144 on the number returned in the previous year. Of the 4,855 births, 2,458 were males and 2,397 females or, in other words, the boys were in the proportion of 102·5 to every 100 girls.

For comparative information, the quarterly returns of births since the year 1876 are given below.

QUARTERLY RETURNS OF BIRTHS FOR THE SEVEN YEARS,  
1876—82.

1876	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total for the Year.
Males ...	677	583	614	585	2,459
Females ...	645	558	533	586	2,332
TOTAL ...	1,322	1,141	1,147	1,171	4,781
1877					
Males ...	647	629	611	607	2,494
Females ...	637	527	509	586	2,252
TOTAL ...	1,284	1,156	1,120	1,193	4,753
1878					
Males ...	603	622	611	612	2,448
Females ...	602	586	566	577	2,331
TOTAL ...	1,205	1,208	1,177	1,189	4,779
1879					
Males ...	626	555	610	542	2,333
Females ...	600	554	607	593	2,354
TOTAL ...	1,226	1,109	1,217	1,135	5,687
1880					
Males ...	607	653	640	535	2,435
Females ...	628	598	614	585	2,425
TOTAL ...	1,235	1,251	1,254	1,120	4,860
1881					
Males ...	639	582	594	544	2,359
Females ...	632	619	554	547	2,352
TOTAL ...	1,271	1,201	1,148	1,091	4,711
1882					
Males ...	631	614	606	607	2,458
Females ...	620	605	605	567	2,397
TOTAL ...	1,251	1,219	1,211	1,174	4,855

On reviewing the above returns for each year it will be seen that, for the last three years, the births present no increase proportionate to that of the population. Thus the birth-rate (births to population) for

the year 1882 was only 38·4 per thousand living, against 38·3 in 1881 and 40·4 in 1880. The number of births in any district are, as you are aware, in great measure regulated by the marriages which, in turn, are mainly affected by the differences in the state of trade and the character of the harvest; and there is no doubt that the fixity observable in your birth returns is chiefly owing to a continuance of trade depression in conjunction with the repeated bad harvests which we have had for several years immediately preceding the one now under notice.

The number of births last year included 219 of children born out of wedlock, thus the annual proportion per cent. of illegitimate to total births was 4·5, a rate which bears most favourable comparison with the other large towns. The rate of illegitimacy for the preceding year (1881) was equal to 4·43.

## DEATHS.

The total deaths registered in the Borough during the year 1882 amounted to 2,528. From this number must be deducted 32 deaths that took place in the County Asylum, and 28 in the Infirmary of patients who, previous to their admission, had resided in the County. To the remaining number 2,468 must be added, 32 deaths that occurred in the Borough Asylum, and 30 in the Borough Fever Hospital, making the corrected deaths equal to 2,530. This number is less by 124 than that returned in 1881, and no less than 228 below the average for the three preceeding years.

The excess of births over deaths representing the natural increase to the population, was 2,325, showing an increase of 268 on the accession in 1881, and 351 above the average for the two previous years. The 2,528 deaths last year included 1,320 of males and 1,208 of females.

The annual death-rate from all causes for the year under notice was equal to 20·0 per 1,000 of population which, I am happy to inform you, is the lowest death-rate on the records of your Borough. Compared with the mean annual rate of Mortality in the five preceding years, there was a reduction in the death-rate of last year of no less than 1·9 per 1,000 living.

In the following Table I have classified the total deaths and calculated the rates for the respective classes of disease for the year now under report, and for the purpose of comparison, I have appended the corresponding deaths and mortality returned in the two previous years (1880 and 1881).

TABLE. I.

DEATHS CLASSIFIED, RATES OF MORTALITY AND PERCENTAGE OF TOTAL DEATHS IN 1882.

Class of Disease.	Deaths.	Death-Rate.	% of Total Deaths.
1.—Zymotic Diseases ...	473	3·746	18·50
2.—Constitutional ...	347	2·748	13·73
3.—Local ...	1,083	8·577	42·84
4.—Developmental ...	549	4·348	21·72
5.—Violence ...	61	·483	2·41
6.—Ill-defined ...	44	·348	1·74
TOTAL ...	2,528	20·020	100·00

The following is the corresponding return for 1881:—

Class of Disease.	Deaths.	Death-Rate	% of Total Deaths.
1.—Zymotic Diseases ...	567	4·605	21·19
2.—Constitutional ...	332	2·6965	12·42
3.—Local ...	1,101	8·942	41·14
4.—Developmental ...	560	4·548	20·92
5.—Violence ...	81	·658	2·20
6.—Ill-defined ...	36	·292	1·31
TOTAL ...	2,677	21·741	100·00

The following is the corresponding return for 1880:—

Class of Disease.	Deaths.	Death-Rate.	% of Total Deaths.
1.—Zymotic Diseases ...	848	7·05	28·6
2.—Constitutional ...	367	3·05	12·4
3.—Local ...	1,070	8·8	36·1
4.—Developmental ...	586	4·87	19·7
5.—Violence ...	61	0·51	2·0
6.—Ill-defined ...	37	0·31	1·2
TOTAL ...	2,969	24·68	100·0



On reviewing the figures for the above years you will observe that the reduction in the total deaths during 1882 is, practically speaking, confined to the Zymotic class of diseases or those dependent on preventable causes for, while the fluctuations in the death-roll of each of the three years are observed to vary but slightly in the other five notified classes, the deaths from Zymotic agencies were 94 less than in 1881 and 375 below the corresponding number in 1880. The annual death-rate among males was equal to 22.2, and among females to 18.1 per 1,000 estimated as living of each sex. In equal numbers living, the deaths of males were as 123 to each 100 of females.

Continuing the information I have already laid before you in my former reports as to the age distribution of the deaths with the rate of mortality at the several ages, I have drawn up a similar statement for 1882 (*vide* Table 2), from which you will observe that the 2,530 deaths included 1,297 children under five years, and of these 942 were infants under one year of age. If compared with the tables given for each of the two preceding years it will be found that the deaths of children last year at both the age periods referred to showed an actual reduction, irrespective of the increase of population at these ages.

At each of the remaining ages in the first quinquenniad the deaths were also less numerous than in the former years. The rate of infant mortality measured by the proportion of deaths under one year to births, was equal to 194 per 1,000 against 205 in 1881 and an average of 210 in the ten preceding years. Further attention to these tables will show that the Leicester death-rates in 1882 for the various life periods tabulated (the age of infancy alone excepted), bear the most favourable comparison with the English Life Table Rates since, for all the ages and groups of ages over one year, they will be seen to be uniformly below those of the Life Table. Now when we reflect that a diminution in the actual number of deaths of children has taken place, notwithstanding the increments received to our population at these age periods, and remembering that the mortality under five years is now taken as a measure of the sanitary state of a district, the result shown in the Tables now before you must, in my opinion, be regarded as satisfactory and fully justifies the belief that the remedial measures

carried out by the Committee during the past year, have been both well-directed and in great part successful.

Judging from the death returns and mortality during 1882 of other towns, Leicester is found to occupy a most favourable position in the list. In Table 5 I have tabulated the general death-rates of the twenty large English towns, for the years 1881 and 1882, and here I have also included for your notice, the rates per 1,000 per annum in these several Boroughs, during the successive quarters of the latter year. A glance at the list of death-rates for 1881, will show that Leicester stood thirteenth among the towns in the order of gross mortality. The rates of mortality for 1882 show on the other hand that, with the exception of Bristol, our rate is the *smallest* recorded of the towns. Again, if we refer to the *Quarterly* mortality in 1882, it will be seen that in the first and second quarters, your town was accredited with the lowest death-rate; in the third quarter (our most unhealthy season) the rate increased, and the town occupied the thirteenth place in the order of mortality; but during the fourth quarter the mortality diminished to such a degree that, bracketed with Bristol, we had risen to the favourable position of second on the list. The information contained in the Table now under review is of the most important character, and must be highly satisfactory to you as the Health Authority of the town; and more especially may you congratulate yourselves that a result so desirable has been attained under the somewhat trying circumstances you were placed in throughout the year for, during that time, you were called upon to adopt (with success I am happy to say) prompt and assailable measures to suppress outbreaks of Small Pox, and you were also engaged without intermission in an endeavour to limit Scarlatinal prevalence and fatality. Scarlet Fever still smoulders amongst us, but I will endeavour to show later on that, compared with other towns, an amount of work has been done in this direction both creditable to yourselves and beneficial to the public at large.

*Table 6* is constructed to show the relative healthiness of the seven Wards included in the Borough during 1882. It will be seen that the rates of mortality in the different Ward Districts are as follows:—St. Martin's, 9·08, against 13·81 in the preceding year; North Margaret's, 22·87, against 20·56; Middle Margaret's, 20·52,

against 23·04; East Margaret's, 15·99, against 18·3; East Mary's, 10·99, against 13·17; West Mary's, 15·82, against 19·37; and All Saints, 20·6, against 21·81. In other words, the death-rates as compared with the previous year were lower for each ward, except North Margarets, which showed an increase of 2·3.

*Table 7.* From the last Census Returns it was found that the increase of the population of Leicester, in common with many other towns, had been considerably over-estimated by the Registrar General, and the population given in the years 1879, 1880, 1881, and 1882, are based upon calculations taken from the Census, and verified by returns of the number of inhabited houses, kindly supplied me by Mr. Gordon, the Borough Surveyor.

TABLE II.

POPULATION, DEATHS, AND ANNUAL RATE OF MORTALITY IN THE  
BOROUGH OF LEICESTER DURING THE YEAR 1882 AT SIXTEEN  
GROUPS OF AGES COMPARED WITH THE ENGLISH LIFE TABLE  
RATES AT THOSE AGES FOR PERSONS.

	Persons		Annual Rate per 1,000 persons living.	
	Estimated Population, 1882.	Deaths, 1882.	Leicester.	English Life Table.
All Ages ...	126,275	2,530	20·0	21·5
Under 1 year ...	4,143	942	220·74	165·38
1—2 years ...	3,467	200	57·7	65·58
2—3 „ ...	3,257	76	23·3	36·14
3—4 „ ...	3,126	48	15·4	24·33
4—5 „ ...	3,017	31	10·3	17·92
Total under } 5 years ... }	17,010	1,297	76·24	55·7
5—10 years ...	14,176	60	4·23	9·6
10—15 „ ...	12,949	29	2·24	5·2
15—20 „ ...	13,280	45	3·39	6·5
20—25 „ ...	12,134	51	4·20	8·9
25—35 „ ...	19,244	142	7·37	10·3
35—45 „ ...	14,455	136	9·50	12·8
45—55 „ ...	10,729	159	14·8	17·6
55—65 „ ...	7,173	205	28·6	30·4
65—75 „ ...	3,813	227	59·5	62·4
75—85 „ ...	1,172	151	128·8	121·2
85 and upwards	140	26	185·7	258·3

TABLE III.

POPULATION, DEATHS, AND ANNUAL RATE OF MORTALITY IN THE  
BOROUGH OF LEICESTER DURING THE YEAR 1881 AT SIXTEEN  
GROUPS OF AGES COMPARED WITH THE ENGLISH LIFE TABLE  
RATES AT THOSE AGES FOR PERSONS.

	Persons		Annual Rate per 1,000 persons living.	
	Estimated Population, 1881.	Deaths, 1881.	Leicester.	English Life Table.
All Ages ...	123,120	...	...	...
Under 1 year ...	4,039	965	238.9	165.38
1—2 years ...	3,379	205	60.67	65.58
2—3 „ ...	3,174	89	28.04	36.14
3—4 „ ...	3,048	77	25.26	24.33
4—5 „ ...	2,941	38	12.92	17.92
Total under 5 years ... }	16,581	1,374	82.86	65.7
5—10 years ...	13,820	108	7.8	9.6
10—15 „ ...	12,624	45	3.6	5.2
15—20 „ ...	12,946	51	3.9	6.5
20—25 „ ...	11,829	63	5.3	8.9
25—35 „ ...	18,769	141	7.5	10.3
35—45 „ ...	14,102	149	10.6	12.8
45—55 „ ...	10,459	148	14.2	17.6
55—65 „ ...	6,992	202	28.9	30.4
65—75 „ ...	3,718	222	59.7	62.4
75—85 „ ...	1,143	140	122.5	131.2
85 and upwards	137	34	248.1	258.3

TABLE IV.

POPULATION, DEATHS, AND ANNUAL RATE OF MORTALITY IN THE  
BOROUGH OF LEICESTER DURING THE YEAR 1880 AT SIXTEEN  
GROUPS OF AGES COMPARED WITH THE ENGLISH LIFE TABLE  
RATES AT THOSE AGES FOR PERSONS.

	Persons		Annual Rate per 1,000 persons living.	
	Estimated Population. 1880.	Deaths, 1880.	Leicester.	English Life Table.
All Ages ...	120,325	2,969	24.67	21.5
Under 1 year ...	3,948	1,070	271.02	165.38
1—2 years ...	3,303	382	115.95	65.58
2—3 „ ...	3,103	148	47.7	36.14
3—4 „ ...	2,979	77	25.84	24.33
4—5 „ ...	2,875	79	17.04	17.92
Total under 5 years ... }	16,208	1,727	106.55	55.7
5—10 years ...	13,509	107	7.9	9.6
10—15 „ ...	12,340	32	2.6	5.2
15—20 „ ...	12,655	52	4.1	6.5
20—25 „ ...	11,563	52	4.5	8.9
25—35 „ ...	18,338	133	7.2	10.3
35—45 „ ...	13,775	155	11.3	12.8
45—55 „ ...	10,244	169	16.5	17.6
55—65 „ ...	6,835	177	25.9	30.4
65—75 „ ...	3,634	193	53.1	62.4
75—85 „ ...	1,117	139	124.4	121.2
85 and upwards	134	23	246.3	258.3

## TABLE V.

GENERAL RATES OF MORTALITY IN TWENTY LARGE ENGLISH TOWNS FOR  
THE YEARS 1881 AND 1882.

ALSO THE RATES FOR EACH QUARTER OF 1882.

BOROUGHES.			1st Quarter, 1882.	2nd Quarter, 1882.	3rd Quarter, 1882.	4th Quarter, 1882.	Year, 1882.	Year, 1881.
London	...	...	25'6	19'5	18'6	21'8	21'4	21'2
Brighton	...	...	29'2	21'8	17'8	18'1	21'7	19'0
Portsmouth	...	...	21'2	24'3	19'5	20'9	21'5	19'7
Norwich	...	...	23'9	19'0	18'4	21'0	20'6	19'5
Plymouth	...	...	24'4	20'1	18'6	21'7	21'2	19'9
Bristol	...	...	21'6	19'9	16'4	19'0	19'2	19'6
Wolverhampton	...	...	25'4	22'6	21'0	20'6	22'4	21'2
Birmingham	...	...	21'4	19'5	21'0	21'9	20'9	20'0
<b>Leicester</b>	...	...	<b>19'3</b>	<b>18'7</b>	<b>23'4</b>	<b>19'0</b>	<b>20'0</b>	<b>21'6</b>
Nottingham	...	...	25'9	22'6	23'6	22'6	23'7	22'4
Liverpool	...	...	26'5	25'2	25'1	29'3	26'5	26'7
Manchester	...	...	27'6	27'9	25'0	26'8	26'8	25'5
Salford	...	...	24'3	23'1	24'3	21'2	23'2	22'6
Oldham	...	...	26'7	24'1	21'8	26'4	24'7	22'8
Bradford	...	...	21'9	22'1	20'1	20'7	21'2	19'7
Leeds	...	...	22'4	21'1	22'9	26'3	23'2	21'4
Sheffield	...	...	22'9	19'8	21'1	23'0	21'7	21'1
Hull	...	...	21'4	20'9	25'6	24'9	23'2	23'8
Sunderland	...	...	23'1	22'2	28'3	32'5	26'5	20'9
Newcastle	...	...	22'9	21'1	24'5	24'0	23'1	21'8
Average	...	...	23'9	21'8	21'8	23'1	22'6	21'7

TABLE VI.

WARD DISTRIBUTION OF DEATHS AND MORTALITY FROM ALL CAUSES, FOR 1882.

WARDS.	POPULATION.	DEATHS.				RATE PER 1,000.			
		Under 1 Year.	1 to 5 Years.	Over 5 Years.	All Ages.	Under 1 Year.	1 to 5 Years.	Over 5 Years.	All Ages.
St. Martin's Ward	2,202	4	...	16	20	1.82	...	7.27	9.08
North Margaret's "	12,987	134	46	117	297	10.32	3.54	9.00	22.87
Middle " "	34,930	334	123	260	717	9.56	3.52	7.44	20.52
East " "	28,391	176	73	326	575	6.20	2.57	11.48	20.25
East Mary's "	9,467	29	8	99	136	3.06	0.85	10.46	14.37
West " "	24,117	155	58	276	489	6.45	2.41	11.49	20.36
All Saints' "	14,274	110	54	130	294	7.71	3.78	9.11	20.60
Total ... ..	126,268								
Deaths in Infirmary ...	...	...	5	104	...	...	...	...	...
" Workhouse...	...	3	2	116	...	...	...	...	...
" Co. Asylum	...	...	...	32	...	...	...	...	...
<i>Corrected Deaths.</i>									
East St. Margaret's	...	173	71	210	454	6.09	2.50	7.40	15.99
West St. Mary's	...	155	53	172	380	6.45	2.21	7.16	15.82
East St. Mary's	...	29	8	67	104	3.06	0.85	7.08	10.99



## TABLE VII.

SHOWING THE POPULATION, INHABITED HOUSES, BIRTHS, DEATHS  
AND MARRIAGES FOR THE YEARS 1873 TO 1882 INCLUSIVE.

## GROSS NUMBERS.

Year.	Population Estimated at the Middle of the year.	No. of Inhabited Houses in District.	Births.	Deaths.	Marriages.
1873	102,515	21,020	4452	2478	1209
1874	106,202	21,513	4375	2548	1080
1875	111,000	22,193	4260	2889	1186
1876	113,581	22,848	4781	2558	1230
1877	117,462	23,695	4753	2515	1183
1878	119,845	24,438	4779	2500	1107
1879*	117,610	...	4687	2651	1141
1880	120,325	...	4860	2969	1179
1881	123,120	...	4711	2654	1153
1882	126,275	25,790	4855	2528	1201

a. Population at Census, 1881, 122,376.

b. Area in Acres. 3,070.

c. Number of Inhabited Houses at Census, 1881, 24,974.

d. Average number of persons in each house at Census, 4.9.

\* The populations from 1879 are corrected from the returns of the last census.

# TABLE VIII.

SHOWING THE ANNUAL BIRTH RATE, RATE OF MORTALITY AND DEATH RATES AMONG CHILDREN,  
FROM 1873 TO 1882 INCLUSIVE.

Year.	Birth Rate per 1000 of the population.	Annual Rate of Mortality per 1000 living.	Deaths of Children under one year: Per centage of Total Deaths.	Per centage of Deaths of Children under one year to Registered Births.	Deaths of Children under five years: Per centage of Total Deaths.
1873	43'427	23'013	37'449	20'844	53'672
1874	41'195	23'992	38'226	22'262	49'175
1875	38'378	26'027	35'686	24'201	55'486
1876	42'093	22'521	37'372	19'995	54'730
1877	40'464	21'411	35'666	18'872	49'860
1878	39'876	20'728	39'240	20'520	54'800
1879	37'310	21'103	33'119	18'732	51'301
1880	40'390	24'70	36'038	22'016	58'167
1881	38'263	21'56	36'322	20'483	51'770
1882	38'443	20'05	37'264	19'443	51'312

## ZYMOTIC DISEASES.

The deaths registered in 1882 from the miasmatic order of the zymotic class of diseases amounted to 456,\* and comprised 11 deaths from Croup, 12 from Erysipelas, 7 from Puerperal Fever, 8 from Rheumatism, together with 408 fatal cases returned under the seven principal zymotic diseases. The total deaths were equal to only 18 per cent. of the deaths from all causes and to an annual rate of 3·6 per 1000 persons living.

The 408\* deaths referred to the seven principal zymotic diseases represented 16 per cent. of the deaths from all causes and showed the zymotic death-rate for the year to be 3·2 per 1,000 of population. Without any regard to the increase of population, a reference to the total numbers given in Table 9 will show that the *actual* deaths recorded last year from the seven specified zymotic diseases were, with only three exceptions, lower than in any of the thirteen preceding years. By a further reference to Table 9 you will observe that, although the deaths last year from measles and diarrhoea were more numerous than in 1881, the fatality from diphtheria, whooping cough, fever and scarlatina was, for each disease, considerably below the numbers recorded from similar causes in 1881. The zymotic death-rate of last year, when compared with those of the two previous years (1880 and 1881) showed a decrease of 3·3 and 1·25 per 1,000 respectively.

The ages and sex of the deaths ascribed to the principal zymotic diseases were as follow :—

Under 1 year ... ..	216, viz.:	Males, 120 ...	Females, 96
From 1 to 5 years ...	131	„ „ 57 ...	„ 74
5 years and upwards	61	„ „ 28 ...	„ 33
All ages, both sexes	408	„ „ 205 ...	„ 203

From the above analysis of the ages you will notice that 53 per cent. of the deaths from zymotic causes were infants under one year, and 32 per cent. were of children between one and five years of age; thus 85 per cent. of the deaths from preventable causes occurred among children under five years. Among persons whose ages extended upwards from 5 to over 80 years, the percentage rate was only 15.

---

\* These numbers include 22 deaths from scarlet fever and 5 from small pox which occurred at the Borough Fever Hospital, Freeton's Grounds.

TABLE IX.

SHEWING THE DEATHS FROM THE SEVEN PRINCIPAL ZYMOTIC DISEASES IN THE THIRTEEN YEARS,  
1869 TO 1881, AND IN THE YEAR 1882.

DISEASE.	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	Proportion of Deaths to 1,000 Deaths in 1881	1882	Proportion of Deaths to 1,000 Deaths in 1882
Small Pox .....	0	0	12	346	2	0	0	0	6	1	0	0	2	754	5	1'976
Measles .....	43	42	35	36	62	24	49	50	40	45	72	165	7	2'64	74	29'25
Scarlet Fever.....	8	263	112	5	6	18	175	173	33	12	105	119	184	69'33	72	28'45
Diphtheria .....	9	11	7	2	7	8	7	10	9	5	11	23	11	4'147	5	1'976
Whooping Cough .....	70	65	32	51	64	43	91	33	65	82	61	27	122	45'99	19	7'51
Fever .....	57	52	56	64	55	48	64	43	20	31	21	46	29	10'93	19	7'51
Diarrhoea ..	272	240	303	305	314	257	308	263	185	302	88	398	193	72'76	214	84'57
Total .....	459	664	565	829	512	398	694	572	358	478	358	779	548	206'551	408	161'24

In Table 10 I have tabulated the annual zymotic death rates in the 22 large English towns for the years 1881 and 1882, and have combined in the same table the *quarterly* zymotic mortality during last year in each of the boroughs.

TABLE X.

ZYMOTIC DEATH RATES IN TWENTY LARGE ENGLISH TOWNS FOR THE YEARS 1881 AND 1882.

ALSO THE RATES FOR EACH QUARTER OF 1882.

Borough.	1st Quarter, 1882.	2nd Quarter, 1882.	3rd Quarter, 1882.	4th Quarter, 1882.	Annual Rate, 1882.	Annual Rate, 1881.
London ... ..	4.1	3.4	3.5	2.9	3.5	3.6
Brighton ... ..	8.2	4.9	2.6	1.2	4.2	2.2
Portsmouth ... ..	3.7	6.5	4.5	3.0	4.4	3.4
Norwich ... ..	4.2	0.8	3.1	1.8	2.5	1.7
Plymouth ... ..	2.4	2.0	2.4	1.7	2.1	1.5
Bristol ... ..	2.3	3.4	2.2	1.5	2.3	2.3
Wolverhampton ... ..	4.1	4.1	3.6	1.3	3.3	2.2
Birmingham ... ..	3.0	2.4	5.3	3.2	3.5	2.7
<b>Leicester</b> ... ..	<b>1.8</b>	<b>2.2</b>	<b>6.5</b>	<b>1.5</b>	<b>3.0</b>	<b>4.4</b>
Nottingham ... ..	5.3	4.1	6.5	1.8	4.4	4.0
Liverpool ... ..	3.6	3.8	5.4	4.8	4.4	4.5
Manchester ... ..	3.7	4.3	4.3	2.8	3.8	2.3
Salford ... ..	4.1	3.9	5.3	2.3	3.9	2.9
Oldham ... ..	3.1	2.7	3.3	2.2	2.8	2.3
Bradford ... ..	3.1	4.4	4.2	1.6	3.3	2.0
Leeds ... ..	2.6	1.9	5.9	3.7	3.5	2.9
Sheffield ... ..	1.6	1.7	5.1	3.0	2.8	2.7
Hull ... ..	4.6	3.6	8.5	3.2	5.0	6.1
Sunderland ... ..	3.4	2.9	7.7	8.9	5.7	2.7
Newcastle ... ..	2.3	2.3	5.4	3.1	3.3	2.6
Average ... ..	3.8	3.8	4.3	3.0	3.6	3.4

\* Taken from the Registrar General's Quarterly Reports.

The figures contained in the foregoing table disclose the following facts :—

(1.) When compared with other towns, the mortality in Leicester during 1881 from preventable diseases was excessive for, with the exception of Liverpool and Hull, our rate was higher than in the other towns and exceeded the average rate by no less than 1·0 per 1,000 living.

(2.) The rate for 1882 shows so marked a reduction that Leicester stands high (sixth) upon the list of towns in the order of salubrity; the rate is also less than the average for the 20 towns by 0·6 per 1,000.

(3.) The quarterly rates for the first, second and fourth quarters of 1882 are among the lowest recorded of the towns, whereas the rate for the *third* quarter is, as usual, proportionately high owing chiefly to diarrhœal fatality.

The following, drawn from Table A. in the Appendix, is a statement as to the condition of the several Wards in regard to fatality last year from the seven zymotic diseases as compared with the year 1881 :—St. Martin's Ward, no death from the zymotic diseases was recorded in this district during the year under notice, there were 4 deaths in 1881; North Margaret's, there were 42 deaths last year, against 49 in the preceding year; Middle Margarets, there were 130 deaths, against 206; East Margaret's, 74 deaths, against 91; East Mary's, 11 deaths, against 29; West Mary's, 80 deaths, which was the same as in the previous year; and All Saints', 70 deaths, against 60.

## SMALL POX.

During last year this disease appeared on several occasions in different localities in the town. On the 5th January a case was reported in a house in Abbey street. The patient and the other occupants of the house were removed without delay to the Hospital and the house was forthwith thoroughly disinfected by fumigation and limewashing. There is no doubt, from enquiries made at the time, that the infection in this case was received from the person of a tramp who had rested for a few hours in the house and then left the town.

On the 7th January in another lodging-house in the same street, three fresh cases were reported; these were all removed to Hospital together with the other lodgers and the same means were employed for disinfecting the house as in the first case. A strict and daily inspection was kept up for some time after among the houses of the neighbouring streets. No fresh cases, however, appeared until the 18th January, when one was reported in Belgrave Gate. After the most careful enquiry nothing could be elicited to throw light on the source of this case. On the 23rd January two cases were reported in Wood Street, and on the following day three others appeared in different localities of the town (Royal East Street, Green Street and Workhouse). Isolation and disinfection were carried out as before. Early in February three cases were reported in the Jail and these were taken to Hospital. Eight additional cases occurred before the end of February in seven different places in the town and neighbourhood. In March, three cases were sent to Hospital from New Humberstone and Belgrave; the source of the infection could not be discovered in these cases. In the months of May and June, there was a fresh importation of the disease, when three navvies were reported as suffering from the disease in a house in Hampden Street. On the 15th August, another case came under our notice and was removed to the Hospital from the Workhouse and, from that time until the end of the year, the disease did not reappear amongst us.

Altogether there were 29 cases and, in most of these, the complaint assumed the confluent type: 5 out of the total number proved fatal.

It is now ten years since the subsidence of the epidemic of small pox which prevailed in Leicester during the year 1872 when it caused no fewer than 346 deaths. This is by far the longest period of such exemption from small pox the town has ever experienced and, there can be no doubt, that but for the prompt isolation of the cases as they appeared last year, the town would again have been visited by a most fatal epidemic of this justly dreaded scourge.



## MEASLES.

74 deaths were caused by measles last year. The disease became more prevalent in the first quarter, when 19 deaths resulted from it; in the second quarter there were 35 deaths; in the third quarter, 11; and in the fourth quarter, 9. The relative mortality of the disease in the different wards of the town was as follows:—11 deaths occurred in North Margaret's; 32 in Middle Margaret's; 8 in East Margaret's; 3 in East Mary's; 7 in West Mary's; and 13 in All Saints'. From these numbers it will be seen that the disease was principally confined to the wards in the low lying parts of the town.

## FEVER HOSPITAL.

At the close of the year 1881, there were 50 patients under treatment in this Institution viz; 44, of Scarlet Fever and 6 of Erysipelas. During the first quarter of last year, 144 patients were admitted, 22 of whom were suffering from Small Pox; 103, from Scarlet Fever; and 19, from Erysipelas. In the second quarter, 49 patients were admitted, 7 of these were Small Pox; 34, Scarlet Fever, and 8 Erysipelas. During the third quarter, there were 93, 1, of Small Pox, 81 of Scarlet Fever, and 11 of Erysipelas. In the fourth quarter, there was a large increase in the number of admissions owing to the outbreaks of the disease in the "Penitent Home" and the Infirmary. The total admissions during the quarter were 248, viz; 6 of Erysipelas and 242 of Scarlet Fever. 18 cases of Scarlet Fever were received from the Infirmary and 30 from "The Home," leaving 200 as the number of town patients.



For the sake of comparison, the admissions of patients into the Hospital for the last five years are given in the following statement:—

Year.	Erysipelas.		Small Pox.		Scarlet Fever.		Total Cases.
1878.							
1st. Quarter. ...	4	...	0	...	20	...	24
2nd. „ ...	0	...	8	...	8	...	16
3rd. „ ...	5	...	0	...	9	...	14
4th. „ ...	7	...	0	...	14	...	21
TOTALS	16	...	8	...	51	...	75
1879.							
1st. Quarter. ...	6	...	0	...	16	...	22
2nd. „ ...	1	...	0	...	11	...	12
3rd. „ ...	3	...	0	...	75	...	78
4th. „ ...	6	...	0	...	132	...	138
TOTALS	16	...	0	...	234	...	250
1880.							
1st. Quarter. ...	12	...	1	...	76	...	89
2nd. „ ...	4	...	0	...	50	...	54
3rd. „ ...	11	...	0	...	40	...	51
4th. „ ...	20	...	0	...	64	...	84
TOTALS	47	...	1	...	230	...	278
1881.							
1st. Quarter. ...	6	...	2	...	59	...	67
2nd. „ ...	5	...	1	...	61	...	67
3rd. „ ...	6	...	2	...	174	...	182
4th. „ ...	25	...	1	...	99	...	125
TOTALS	42	...	6	...	393	...	441
1882.							
1st. Quarter. ...	19	...	22	...	103	...	144
2nd. „ ...	8	...	7	...	34	...	49
3rd. „ ...	11	...	1	...	81	...	93
4th. „ ...	6	...	0	...	242	...	248
TOTALS	44	...	30	...	460	...	534

From the figures given above you will observe that the number of patients received has, for the last three years gradually increased in each year, and this would lead many to assume that there must have

been an increased prevalence of the specified diseases during this time in the town. Such an assumption is, however, entirely fallacious. On computing the returns for the last three years of certificates sent in by the medical men for diseases which are taken into the Hospital, I find the result to be as follows :—

Years.	Small Pox.	Scarlet Fever.	Erysipelas.	Totals.
1880.	... 0	... 766	... 431	... 1,197
1881.	... 5	... 1,023	... 551	... 1,579
1882.	... 25	... 722	... 440	... 1,187

Calculations based upon these figures and those of *admissions*, reveal the fact that the percentage of admissions to Hospital was equal to 23·2 of the cases reported on during 1880; the corresponding percentage in 1881, had increased to 28, while, for last year, the percentage had still further increased being as much as 45.

If we deal with the figures under scarlet fever *alone* we find a much greater difference in rise of the percentage proportion of admissions to reported cases; thus, in the year 1880, the percentage was 30; in 1881, 38·4, and in 1882 no less than 59·5, and this, notwithstanding an allowance being made for the “Home” patients.

These figures not only expose the fallacy of the conclusion that the increase of the Hospital admissions during last year indicated a greater prevalence of scarlet fever, but they also supply an absolute proof that the Hospital is gaining an increasing favour among the people, larger numbers of whom now avail themselves of the advantages which the Institution possesses for the treatment of infectious cases of disease.

Among the 534 cases admitted last year, there were 29 which ended fatally, which represented a mortality of 5·4 per cent. For reference, the age, address, and disease, of each of the patients admitted during the year are given in the appendix.

## SCARLET FEVER.

During the year now under review, 50 deaths were registered in the Borough from this disease, and to this number must be added 22 deaths which took place at the Hospital, making the total scarlatinal deaths last year equal to 72, against 184 and 119 recorded in 1881 and 1880 respectively. The disease was not equally prevalent in the Wards of the town, for of the total 72 deaths, only 2 occurred in North Margaret's; 3 in East Mary's; 11 were returned from East Margaret's; 14 from West Mary's; 19 from Middle Margaret's; and 23 from All Saints'.

The present epidemic visitation of scarlet fever has now extended itself over three years, and, judging from the behaviour of the disease in previous epidemic periods, there is no doubt that its present stay has been an unusually prolonged one. With the view of comparing the course and fatality of the present epidemic with our former experiences of the disease, I have drawn up the following statement of the *monthly*\* deaths during the rise and fall of five previous epidemic visitations. The *first* of these extended over an interval of 31 monthly periods, beginning in the second month of 1857 and ending about the sixth month of 1859. During this time the total mortality was 310, which, calculated on the mean population of the three years, represented a death-rate of 4·7 per 1000 living. The *second* visitation began in the ninth month of 1862, and, maintaining an epidemic prevalence during the succeeding 29 months, subsided towards the end of 1864. The disease caused in all 294 deaths, equal to 4·0 per 1000 of mean population. The *third* epidemic began in 1869 and remained over an interval of 28 monthly periods, subsiding towards the close of 1871. The total deaths caused by the disease during this time was 382, equal to 4·0 per 1000 of mean population. The *fourth* epidemic began in the tenth month of 1874, and the disease continued more or less prevalent until the end of November, in 1877, a duration equal to three years and three months. The total deaths amounted to 415, or 3·7 per 1000. The *fifth*

---

\* Intervals of four weekly periods, more strictly speaking.

epidemic, that which now occupies our attention, began about the eighth month in 1879 and continued prevalent to the end of 1882, equivalent to an interval of forty-five months. The total deaths returned up to the end of last year amounted to 478, equal to 3.9 per 1000, or a small fraction over the rate experienced during the epidemic of 1874-77. *Thus it will be seen that with a greatly increased population, involving as it does, the employment of much more extensive measures for the limitation of the disease, this last epidemic of scarlet fever, although prolonged in its duration, has given rise to a lower rate of mortality than was experienced during the first three visitations referred to, while the excess in the rate over that in the fourth period is but fractional in amount.*

For enabling me to ascertain whether our late experience as to the prolongation of the epidemic was singular among the large towns I have tabulated in Table 11., the deaths from scarlet fever returned from the 20 large towns during the eight years 1875-82, and have also calculated the rates of mortality for each year. From the figures in the above table it will be observed, that the last epidemic wave of scarlet fever visited nearly all the towns and *extended over an interval of time in each of them fully as long as the term of its duration with us.*

During the prevalence of scarlet fever in 1875-77, the Health Authorities in Leicester were not by any means so successful in their efforts to secure the removal of infected patients to the Hospital as in the subsequent years, and in order to discover what modifying influence our large removals of patients may have exercised on the course and fatality of the disease during the last epidemic period, when compared with the other large towns, I have drawn up in Table 12., the average rates for the years embraced in the last two epidemic periods. Now on looking over the average rates for the three years 1875-77, you will observe that Leicester was the sixth highest in order of scarlatinal mortality among the towns tabulated.

If we now turn our attention to the average rates for the succeeding five years, during which time the Sanitary Committee has used every effort to secure the isolation of patients by removal of the infected to Hospital—we find that the rate of scarlatinal mortality in Leicester is the lowest among those towns where the prevalence of the disease assumed anything like epidemic proportions.



TABLE OF DEATHS FOR THE QUARTER ENDING MARCH 31, 1882.

[illegible]



The sustained prevalence of the disease among us ceases to be the subject of wonder when we remember that of the 722 cases reported on as existing in the town during last year, only 430 were admitted to Hospital, leaving a residuum of infection in 292 houses scattered throughout the different districts of the Borough. Under these circumstances, the Sanitary Committee have not it is true been able to arrest the spread of the disease, but the markedly low average rate of mortality recorded of the town for the last five years, indicates that the efforts put forth by the Health Authorities when compared with other towns were largely successful in diminishing the prevalence of the disease and served in no small degree to reduce its fatality.

### CONTINUED FEVER.

Last year 22 deaths were recorded from this disease; 3 of the deaths were those of County patients under treatment in the Infirmary, thus making the total deaths for the Borough equal to 19.

On referring back to the Sanitary reports of the town I find that the fatal cases of fever were fewer last year than had ever been recorded for the last 22 years.

For the last two years, the cleansing of the sewers in the low-lying districts of the town has been energetically carried out under the direction and supervision of the Borough Surveyor and, from circumstances met with during this process, there can be no doubt that this work contributed in no small degree to sweeten the air and purify the subsoil. Again, under the new method employed for the detection of animal impurities in the well waters of the town, a much larger number of the surface wells have been closed and the Corporation water substituted than in former years. There is very little doubt that the reduction in the deaths from fever last year resulted chiefly from the prosecution of these much needed sanitary measures.

TABLE XI.

DEATHS FROM SCARLET FEVER IN TWENTY LARGE TOWNS,  
DURING THE EIGHT YEARS 1875-82.

TOWNS.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.
London ...	3651	2297	1576	1792	2706	3073	2108	2004
Brighton ...	18	64	28	8	16	79	75	97
Portsmouth ...	47	447	39	16	11	8	25	40
Norwich ...	34	59	80	11	32	188	64	6
Plymouth ...	14	14	48	37	14	4	4	4
Bristol ...	457	284	51	36	90	239	154	75
Wolverhampton ...	26	59	224	40	17	42	56	27
Birmingham ...	271	204	234	993	311	122	165	245
<b>Leicester ...</b>	<b>187</b>	<b>180</b>	<b>33</b>	<b>12</b>	<b>105</b>	<b>119</b>	<b>184</b>	<b>72</b>
Nottingham ...	159	74	19	73	180	134	353	280
Liverpool ...	468	251	225	947	742	465	435	380
Manchester ...	325	343	366	346	336	327	96	95
Salford ...	251	178	119	185	203	279	84	79
Oldham ...	68	110	56	238	138	126	84	56
Bradford ...	459	143	106	156	181	189	119	66
Leeds ...	231	320	151	253	281	126	77	164
Sheffield ...	312	278	209	724	356	269	77	200
Hull ...	279	58	31	20	78	61	696	264
Sunderland...	60	134	134	185	246	305	143	168
Newcastle ...	76	51	69	222	282	135	50	82



TABLE XII.

ANNUAL RATE OF MORTALITY PER 1000 IN TWENTY LARGE TOWNS,  
FOR EIGHT YEARS, 1875-82.

TOWNS.	1875	1876	1877	Average Rate for 3 years, 1875-7.	1878	1879	1880	1881	1882	Average Rate for 5 years, 1878-82.
London	1·059	·658	·45	·72	·50	·74	·84	·55	·51	·63
Brighton	...	...	...	...	·08	·15	·77	·69	·88	·55
Portsmouth	·383	1·177	·31	·62	·12	·08	·06	·19	·31	·15
Norwich	·410	·707	·96	·69	·13	·37	2·19	·73	·07	·70
Plymouth	...	...	...	...	·50	·19	·05	·04	·05	·17
Bristol	2·329	1·423	·22	1·32	·17	·42	1·12	·74	·36	·56
Wolverhampton	·363	·813	3·06	1·41	·54	·22	·55	·74	·35	·48
Birmingham	·740	·549	·62	·64	2·60	·79	·31	·41	·60	·94
<b>Leicester</b>	<b>1·70</b>	<b>1·58</b>	<b>·28</b>	<b>1·19</b>	<b>·099</b>	<b>·84</b>	<b>·92</b>	<b>1·49</b>	<b>·57</b>	<b>·52</b>
Nottingham	1·724	·790	·19	·90	·44	1·05	·77	1·88	1·45	1·12
Liverpool	·907	·481	·43	·61	1·78	1·36	·85	·79	·68	1·09
Manchester	·911	·958	1·02	·96	·96	·91	·90	·28	·28	·63
Salford	1·849	1·141	·73	1·24	1·09	1·12	1·50	·47	·43	·92
Oldham	...	...	...	...	2·22	1·22	1·09	·75	·48	1·15
Bradford	2·727	·823	·59	1·38	·85	·93	·96	·65	·33	·74
Leeds...	·810	1·097	·51	·94	·83	·89	·40	·25	·52	·58
Sheffield	1·165	1·011	·74	·97	2·51	1·18	·88	·27	·69	1·11
Hull ...	2·083	·424	·22	·91	·14	·52	·41	4·49	1·7	1·45
Sunderland	·564	1·237	1·22	1·01	1·65	2·11	2·61	1·22	1·41	1·80
Newcastle	·552	·364	·49	1·41	1·54	1·89	·90	·34	·56	1·05

## DIARRHŒA.

The deaths ascribed to this disease in the past year amounted to 214; against 193 recorded in 1881, and 278, the annual average for the twelve years, 1869-80. Of the 214 deaths last year; 177, were those of infants under one year of age; 27, were those of children from one to five years, and 10, were those of persons over five years.

The summer quarter is the season to which diarrhœal fatality is almost exclusively confined and the annual rate for the thirteen weeks included in this period of 1882 was equal to 5·7 per 1,000, against 5·4 in 1881, and 11·5 in 1880.

Among the 28 large towns for which returns are now weekly supplied by the Registrar General the rate of diarrhœal mortality in Leicester during last year was the third highest of those tabulated; for the two previous years the rates of the town were also the highest of the 20 towns then notified.

The question of diarrhœal causation is therefore of deep importance to the Sanitary Committee of this town, and it is to be hoped that the inquiry now being carried out by Drs. Ballard and Power, of the Local Government Board, may afford such undoubted proof as to the causes of summer diarrhœa among infants *and adults* as will warrant the Health Authorities throughout the country in taking definite steps for its prevention.

## TUBERCULAR DISEASES.

The deaths annually registered in Leicester from the Tubercular diseases, more especially pulmonary consumption or phthisis are numerous and several members of the Sanitary Committee have for some time past entertained a conviction that the mortality from phthisis would be found excessive when compared with other manufacturing towns.

To discover how far this conviction was justified as well as to ascertain whether causes prevailed unduly favouring the development of consumption and, if so, the extent of their influence, were the main objects which led me to institute the following enquiry.

The tubercular order of diseases includes scrofula, tabes mesenterica, phthisis and hydrocephalus. Many leading medical men believe in the identity of these diseases and use the above titles merely to distinguish varieties of tuberculous disease. Whatever difference may exist in the minds of medical men about the nature of these maladies all are agreed as to identity of the causes which occasion or predispose to them. In many cases of death from consumption, a hereditary predisposition can be traced, and it is by no means unfrequent to find on enquiry that several members of the same family have one after another fallen victims to the disease.

The conditions of the body which more immediately excite consumption are defective nutrition and impaired vitality, circumstances which follow closely upon either vicious habits or unhealthy surroundings.

Not a few domestic habits widely and persistently followed by the people strongly tend to deteriorate their force of constitution and predispose both them and their children to attacks of the foregoing maladies. It may be well if I here briefly refer to some of these habits and, first of all, I would draw attention to the custom adopted among the working classes of closely confining themselves for eight, nine, or ten hours out of the twenty-four in closely sealed bed rooms, with both doors and windows shut. Every means seem to be employed by them for carefully excluding fresh air from such apartments, unmindful of the fact that a good supply of fresh air is the most active agent in restoring fresh vigour to those wearied with the day's labour, and constitutes the chief food whereby the body is enabled to properly discharge its varied functions of digestion, repair, and excretion, and so maintain itself in a healthy state. The capacity of the sleeping rooms in most cottage property is amply sufficient for securing a proper supply of air if the artizan only availed himself of the means at hand for obtaining it, *i.e.* by always keeping the bed room doors open and

letting down the windows to the extent of one or two inches during the hours of the night, and four or five inches for several hours during the day. There is nothing in my opinion that exercises so deleterious an effect upon health and at the same time predisposes more powerfully to the diseases in question than the rebreathing of tainted air which has already been given off from the lungs.

Intemperance is another habit, which conduces in no small degree, to increase the mortality from consumption, for in homes where this vice is indulged in the members of the family are often compelled to subsist for lengthened periods on unwholesome or insufficient diet which renders them liable in after life to suffer from inveterate and long continued dyspepsia—a frequent forerunner in tubercular diseases. It would indeed be difficult to fully estimate the evils which at present arise from this over-indulgence in drink ; its present influence upon health is sufficiently appalling, but to this must be added its remote effects which are indisputably far-reaching, extending as they do over generations. I therefore regard it as the duty of everyone interested in the welfare of his fellow-man to aid and give moral support to the cause of temperance.

The influences *outside the house* which promote tubercular diseases and pulmonary consumption in particular are dampness of soil and dwellings, humidity of the air, &c., and to discover whether these unfavourable hygienic conditions were more frequently met with in Leicester than in other towns was the main object I had in view whilst making this enquiry.

As a basis for enquiry I extracted from the mortality books the deaths recorded during the four years 1878-81 from the tubercular class of diseases and special information was obtained concerning the deaths from phthisis relating to the circumstances of each case as to age, length of illness, heredity, &c. The following is a summary of the information obtained ; the total cases recorded during the four years (1878-81) amounted to 841, 443 of the deaths were those of males and 398, of females.

The sex and age distribution were as follow :—

Year.	Under 1 Year.		Years 1-2		Years 2-3		Years 3-4		Years 4-5		Under 5 years.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1878	16	8	10	8	...	1	...	...	...	...	26	17
1879	13	3	9	2	3	2	...	...	...	...	25	7
1880	6	3	8	3	3	1	2	1	1	...	20	8
1881	8	8	3	1	1	2	3	1	...	1	15	13
Total...	...	...	...	...	...	...	...	...	...	...	86	45

Year.	Years 5-10		Years 10-15		Years 15-20		Years 20-25		Years 25-35		Years 35-45		Years 45-55		55 and upwards.		Total over 5 years.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1878	5	2	1	5	3	5	9	15	39	34	21	13	15	7	5	...	98	81
1879	4	2	2	...	8	8	3	20	26	28	19	22	16	13	...	3	78	96
1880	1	5	1	3	8	12	13	10	33	23	12	21	16	11	8	2	92	87
1881	2	4	2	3	5	15	18	18	28	24	23	12	9	10	3	2	90	88
Total ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	358	352

In 241 instances only partial information could be obtained with respect to the family history, &c., and in 403 of the cases, a full information was obtained. Of these latter 403 cases, 191 or 47 per cent. were married—89 being males and 102 females. The length of the illness of each case was as follows :—

Under one month	...	...	7
Under three months...	...	...	74
Under six months	..	...	87
Under twelve months	...	...	92
Over one year ..	...	...	143

Enquiries as to the heredity of the disease showed that in 206 or 51 per cent. of the cases there was an undoubted family history that the family were consumptive. In many of the remaining 197 cases,

there was an evident dislike among the people to furnish the real cause of the deaths of other relations which had occurred, but no doubt was left in my mind that a history of consumption was connected with many of their families.

To render the distribution of the 841 deaths in the town during the four years more obvious I have shown the locality of each case in the map inserted at the end of this Report. A glance at this map will show that the deaths appear most thickly distributed over Middle and North Margaret's Wards. In portions of All Saints' and East Margaret's Wards the deaths were also numerous compared with the numbers seen in East Mary's and St. Martin's Wards. As the populations in the different Wards of the town vary very considerably in point of density, it will be evident that no correct judgment as to the relative mortality can be arrived at from the bare indication of the localities on a map of this kind. To form an accurate estimate of the mortality from Phthisis in different districts of the Borough, it is requisite that the deaths be calculated on the populations living therein. By using the summaries of the last census, I have been enabled to find the actual populations of six inhabited areas situate in different districts of the town. These several areas are shown coloured in the map just referred to.

The following is a statement of the populations living in each of the given areas, with the number of deaths returned in each from Consumption in the four years 1878-81 :—

				Total	Ages.			
Population.				Deaths.	under 5 years		over 5 years.	
Area 1	...	3,729	...	32	...	11	...	21
Area 2	...	3,728	...	24	...	4	...	20
Area 3	...	9,115	...	61	...	8	...	53
Area 4	...	4,778	...	33	...	8	...	25
Area 5	...	6,537	...	35	...	8	...	27
Area 6	...	7,788	...	44	...	4	...	40



From calculations based on the above returns perfectly accurate rates of mortality can be found, these are as follow :—

ANNUAL RATE OF MORTALITY PER 1,000 FROM PHTHISIS, (1878-81).

---

		Mortality at all ages.		Mortality at ages over 5 years.
Area 1.—Pasture Lane District.	...	2'14	...	1'41
Area 2.—Cranbourne St. „	...	1 61	...	1'34
Area 3.—Middle Margaret's „	...	1'67	...	1'45
Area 4.—Charnwood St. „	...	1'73	...	1'31
Area 5.—West Bridge „	...	1'34	...	1'03
Area 6.—East Margaret's „	...	1'41	...	1'28

From the above table it will be seen that the King Richard and Hinckley Road district was, for all ages and ages over 5 years, the healthiest district in regard of phthisis in the whole Borough. Next in order of healthiness was the Clipstone and Sparkenhoe Street district followed by that of Cranbourne Street. The most fatal districts to phthisical patients are observed to have been the Wheat Street and Chester Street area together with that of Pasture Lane.

That damp houses can have exercised very little effect in the causation of the disease in Leicester is evident from the rates shown above, inasmuch as the two districts which suffer most in times of flood, viz.; those over the West Bridge and in the neighbourhood of Cranbourne Street are seen to have been the least affected with the disease during the interval of the four years now under review.

To formulate a comparison of the Leicester death-rate from the tubercular class of diseases with the rates of other large towns, I sought information from the Medical Officers of 20 towns as to the deaths returned in 1881 from the four diseases included in this class. From 15 of the towns, the information sought for was supplied me in a complete form, and in Tables 13 and 14 these returns are compiled and the rates per 1,000 calculated for the several diseases for each town.

## TABLE XIII.

TABLE OF DEATHS REGISTERED IN 1881 FROM THE TUBERCULAR  
DISEASES, IN THE FOLLOWING SIXTEEN ENGLISH TOWNS.

BOROUGHS.	Population, 1881.	Scrofula.	Tubes Mesenterica.	Phthisis.	Hydro- cephalus	Total Deaths.
Wolverhampton ...	76,000	4	61	102	7	174
Derby ...	81,171	9	21	131	2	163
Huddersfield ...	82,113	16	16	196	...	228
Birkenhead ...	84,400	7	17	120	53	197
Blackburn ...	104,012	4	70	182	3	259
Portsmouth ...	128,332	18	43	275	44	380
Newcastle ...	147,626	72	66	294	24	453
Salford ...	177,755	16	76	451	75	618
Bradford ...	184,037	40	45	406	66	557
Sheffield ...	284,410	45	91	512	94	742
Leeds ...	310,490	42	123	577	37	779
Birmingham ...	402,296	...	133	699	54	886
Liverpool...	553,988	143	260	1291	186	1880
Cardiff ...	85,378	13	20	176	44	253
<b>Leicester ...</b>	<b>123,120</b>	<b>8</b>	<b>19</b>	<b>205</b>	<b>30</b>	<b>282</b>
Sunderland ...	118,927	8	23	183	8	222



## TABLE XIV.

TABLE OF MORTALITY (RATE PER 1000) IN 1881 FROM THE TUBERCULAR DISEASES, IN THE FOLLOWING SIXTEEN ENGLISH TOWNS.

BOROUGHs.	Scrofula.	Tuberc. Mesenterica.	Phthisis.	Hydro- cephalus.	Total Mortality.
Wolverhampton ...	·05264	·803	1·342	·0921	2·290
Derby ...	·111	·259	1·614	·025	2·008
Huddersfield ...	·195	·195	2·387	...	2·777
Birkenhead ...	·083	·201	1·422	·628	2·334
Blackburn ...	·0385	·673	1·750	·029	2·490
Portsmouth ...	·140	·335	2·143	·343	2·961
Newcastle ...	·488	·447	1·991	·142	3·069
Salford ...	·090	·428	2·537	·422	3·477
Bradford ...	·217	·244	2·206	·359	3·027
Sheffield ...	·158	·320	1·800	·330	2·609
Leeds ...	·135	·396	1·859	·129	2·509
Birmingham ...	...	·3306	1·738	·134	2·203
Liverpool ...	·258	·469	2·330	·336	3·393
Cardiff ...	·152	·234	2·061	·515	2·963
Leicester ...	·065	·154	1·665	·244	2·128
Sunderland ...	·067	·193	1·539	·067	1·867

These rates establish the following facts with respect to Leicester:—

(a) Of the 16 towns, our rate of mortality from Scrofula was the *second lowest* on the list.

(b) Our mortality from Tabes Mesenterica was *the lowest* rate recorded.

(c) Our mortality from Hydrocephalus was the sixth highest rate.

(d) Our mortality from Phthisis was the fourth lowest rate shown in the table.

(e) Our rate of mortality from the whole class of Tubercular affections is the third lowest recorded of the 16 towns, and the excess here observed in our rate is but a small fraction over the lowest included in the list.

The fear entertained by some members of the Sanitary Committee as to the high mortality from the tubercular diseases compared with other towns is, by the facts just quoted, shown to be not only unfounded but the figures also supply indisputable proof that the town in this respect bears the most favourable comparison with other Boroughs.

For those interested in this enquiry a return of the deaths in each monthly period during the four years (1878-81) will be found in the Appendix.

On another page of the Appendix will be found the trade or occupation of 367 of the patients who died from pulmonary consumption in the years now reviewed.

## LOCAL DISEASES.

In the past year, the deaths referred to the various causes included in this class of diseases amounted to 1,083, against 1,101 recorded in the preceding year.

(a) Of the 1,083 deaths, 412 were referred to the various diseases of the Lungs, of which number 234 were caused by Bronchitis, 130 by Pneumonia and 19 by Laryngitis. Of the 412 deaths above mentioned, 202 were those of children under 5 years of age; 134 were those of persons between the ages of 5 and 65 years; and 76 were those of persons aged 65 years and upwards. The rate of mortality per 1,000, for the whole town, from Lung affections was equal to 3.1. In North Margaret's and All Saints' the rates were

high, being 3·7 and 3·4 respectively, on the other hand, the rates in St. Martin's and St. Mary's Wards were the lowest recorded (0·91 and 2·43). The reason of this wide difference in the deaths in these districts is to be found in the dissimilar habits and social condition of the people who reside therein.

(b) The deaths from heart disease last year were 143, 74 of which were males and 69 females. The deaths from the same cause in 1881, numbered 152.

(c) The number of deaths due to various diseases of the Brain and Nervous System was 369, of which 200 were males and 169 females. The total deaths included 234 of children under five years. Convulsions, the fatality of which is almost wholly confined to children, caused 193 deaths. The deaths referred to the other diseases of this class were 39 from Apoplexy; 33 from Paralysis; and 11 from Epilepsy.

(d) Eighty-four deaths resulted from disease of the Digestive Organs, of these, 12 were caused from Peritonitis; 10 from Stricture of the Intestines; 14 were returned under "Stomach disease;" and 21 under "Liver disease." Of the total 84 deaths, 37 were those of males and 47 of females.

(e) Sixty-one persons died of Urinary diseases, and of these, 24 were ascribed to "Bright's disease," and 20 to "Kidney disease." The number of deaths returned under this class in 1881, amounted to 53.

## DEVELOPMENTAL DISEASES.

The number of deaths returned under this class, which comprises the chief *infantile* diseases, were 354, of these 201 were males and 153 females.

Of the total deaths, 267 were referred to Atrophy, 64 to Premature Birth, and 14 to Teething. All of these deaths occurred among children under five years of age. The highest death-rate among children occurred in North Margaret's and Middle Margaret's Wards, in which districts the mortality was 3·93 and 3·78 per 1000 respectively. In East Mary's and St. Martin's Wards the lowest rates were recorded (1·37 and 1·36). The causes of infantile mortality have been fully discussed in my Reports for 1878 and '79.

# HEALTH DEPARTMENT.

---

## SANITARY WORK.

The Sanitary Work of the Borough has been carried out with unremitting activity throughout the year. A systematic house to house inspection was made by the Inspectors (Braley and Buxton), and a special examination was at the same time made of the closet accommodation, drains and surroundings of each habitation. Public urinals have been erected where most needed and those in use were daily cleansed. The removal of night soil and ash-pit refuse has, upon the whole been satisfactorily performed at regular intervals. The common lodging houses, numbering 29 and registered to accommodate 649 persons, were inspected periodically both by day and night and these were, with few exceptions, found to be in a clean and orderly state; no instance of overcrowding was reported. The slaughter-houses, 76 in number, all of which are now registered, were inspected from time to time and found to be kept in a satisfactory condition.

The scavenging has also been carefully attended to during the year and, I may safely say, that in no other large English town are the streets kept in such cleanly condition as in Leicester.

The old midden privies are now well-nigh abolished in the Borough and either pail, earth, or water-closets substituted. All deep ashpits are now required to be filled up to a level with the ground and, in most cases, the formal orders sent out to owners of house property during last year for such alterations were readily complied with.

During the year under review, 1,250 informal notices were sent out for the abatement of various nuisances, &c. 607 notices were also issued for the cleansing and limewashing of filthy houses, of these 422 were in the East district and 185 in the West of the town. 664 houses were disinfected by fumigation with sulphur where infectious

diseases were reported, 392 of the houses were in the Western and 272 in the Eastern portion of the Borough. 1,214 formal orders were sent out by the Borough Surveyor, and comprised measures for rectifying sanitary defects injuriously affecting health, as well as for providing other requirements which he deemed essential to the safety of the people.

A summary of the formal notices sent out in 1882, and complied with without legal proceedings, is here subjoined :—

	No.
To lay and repair defective drains ... ..	103
To alter and ventilate ashpits ... ..	42
To fix traps or gully grates ... ..	108
To convert old privy cesspools into water, earth, or pail closets ... ..	161
To provide additional water closet, pail, and urinal accommodation ... ..	80
To disconnect sink stone pipes from the sewer ...	41
To repair water closets, pails, and urinals ...	53
To repair and repave yards... ..	78
To extend and ventilate soil pipes ... ..	61
To abolish old excreta vaults ... ..	10
To reset gully grates ... ..	14
To fill up old cesspools ... ..	25
To repair delapidated ashpits and dung pits ...	53
To relay kitchen floors ... ..	10
To fill up deep ashpits to a level with the ground...	54
To clean out old cisterns ... ..	23
To provide a water supply to closets and urinals ...	17
To substitute lead pipes for brick shafts to slop stones	86
To repair and make surface channels ... ..	35
To build manure pits ... ..	5
To disconnect waste pipes from sewer ... ..	10
To provide traps to urinals ... ..	7
To alter, repair and raise, cellar floors ... ..	40
To limewash closets... ..	23
Orders to correct other sanitary defects ... ..	75
Total formal orders issued	<hr/> 1,214

## UNWHOLESOME FOOD.

The weight of unwholesome food condemned and seized by the Food Inspector during 1882, was equal to 29,387 lbs. and consisted of:—

Meat	...	...	11,144 lbs.
Fish	...	...	15,003 lbs.
Fruit	...	...	3,240 lbs.
ALSO,			
Mussels	...	...	30 bags.
Crabs	...	...	1 barrel.
Oysters	...	...	1 barrel.
Rabbits	...	...	23.
Reindeer	...	...	1 carcase

The greater portion of the above food was destroyed at the request of Mr. Wand, Food Inspector, but several prosecutions were instituted in which the defendants were fined. One butcher was fined £10 for exposing for sale diseased mutton, and another fine of £5 was imposed for exposing for sale some diseased beef.

## WELL WATERS.

The number of well waters analysed last year amounted to 233, against 76, in 1881 and 135, the annual average number submitted for analysis in the seven preceding years. From a return furnished by the Waterworks Office, it appears that the wells now remaining in the town number 846, of which 369 are in the Eastern district and 477 in the Western district of the Borough.

Under the standard of purity now applied by the Borough Analyst for the detection of pollution in well waters, a greatly increased number of those lately examined by him have been condemned and the Health Authorities have, with but few exceptions, succeeded in closing the wells.

The statement given in the first pages of the Appendix includes the results of the analysis of the waters examined since the 6th January, 1881; with a description of the locality from which the samples were collected by the Inspectors.

Out of the entire list of waters, the number found and declared by the Analyst as potable was only 40; the remaining 193 were condemned as polluted and unfit for drinking purposes presenting, as



will appear on comparison with the average standard of purity of the *virgin* water of the district, high degrees of contamination with animal impurities.

The annexed return shows the number of well waters analysed and condemned in each of the years, 1875-82 :—

Year.		Wells Analysed.		Waters Condemned.
1875	...	53	...	36
1876	...	177	...	90
1877	...	78	...	33
1878	...	213	...	97
1879	...	200	...	79
1880	...	147	...	43
1881	...	76	...	25
1882	...	233	...	193

To every true sanitarian, the large number of surface wells closed during 1882 must prove a matter for congratulation and, looking to the evidences of pollution found to prevail among the waters examined, it is to be hoped that the surface wells which remain in the Borough be subjected to analysis with as little delay as possible. The circumstances found fully warrant a continuance in the plan for the most part adopted during the last twelve months, viz., the systematic collection of samples *without waiting for complaint*; for, I have no hesitation in saying that, with our present knowledge of the unwholesome character of the well waters here reported on, the Health Authorities would fail in the full discharge of their public function should they not *anticipate* complaints from the consumers of those well waters which still remain in the town. It would be simply folly to await such complaints for, from the column of remarks shown in the appended list of analyses, it will be seen that there was nothing in the appearance of these waters which would reveal to the unaided senses of the people the deleterious and highly dangerous quality of the water they were daily partaking of.

I am, Mr. Chairman and Gentlemen,

Your obedient servant,

WILLIAM JOHNSTON.

2, Melbourne Street,

29th January, 1883.





---

# APPENDIX

TO THE

REPORT OF THE MEDICAL OFFICER OF HEALTH,  
1882.

---

## CONTENTS.

---

Well Waters.

Occupations of Persons who Died of Phthisis during the four years,  
1878—82.

Deaths recorded in each month from Pulmonary Consumption during  
the four years, 1878—81.

Table A. Ward Distribution of Deaths and Mortality from Zymotic  
Diseases in 1882.

Table B. Ward Distribution of Deaths from Four Classes of Diseases  
in 1882.

Street Register of Deaths from Zymotic Diseases.

Return of Patients in Fever Hospital during 1882.

Tables I.—IV. Deaths Registered in the Borough of Leicester for each  
Quarter in 1882.

Table V. Deaths Registered in the Borough of Leicester for the year  
1882, Classified according to Age.

Map I. Showing the Localities in which Deaths from Phthisis took place  
in the four years, 1878—81, and the Boundaries of Six  
Inhabited Areas specially reported on.

Map II. Showing the Position of the Houses in which Deaths occurred  
from Zymotic Diseases during 1882.

DESCRIPTION OF 233 SAMPLES OF WATER SUBMITTED TO THE  
BOROUGH ANALYST FOR EXAMINATION IN 1882.

*The Results of the Analysis are expressed in grains per Gallon.*

Date of Collection.	Description.	Chlorine.	Nitrogen as Nitrates.	Free Ammonia.	Character of Sample.
	Average Standards in Virgin Water ...	1'1	105	001	
1.—Jan. 6.	140—146, Dorset-street ...	2'7	59	04	Clear
2.— „	27—41, Dorset-street ...	3'1	1'15	002	Clear
3.— „	138—144, Argyle-street ...	4'1	17	000	Clear
4.— „	59—65, Argyle-street ...	3'9	34	000	Clear
5.— „	77—83, Emerald-street ...	1'7	99	00	Clear
6.— „	10—16, Littleton-street ...	2'4	68	016	Clear
7.— „	14—20, Crystal-street ...	1'8	1'36	008	Clear
8.— „	Court L, Sanvey-gate ...	5'9	1'59	008	Clear
9.—Feb. 13.	20—26, Queen-st., Bel-gate	4'0	494	000	Clear
10.— „	14—18, Queen-st., Bel-gate	7'3	592	000	Clear
11.— „	1, Queen-st, & 4, Foundry-sq.	8'1	683	012	Slightly turbid
12.— „	Court E, Church-gate ...	15'3	791	052	Clear
13.— „	67—72, Willow-street ...	6'2	781	000	Clear
14.— „	29—35, Providence-place ...	18'0	658	000	Turbid
15.— „	2—8, Lord-street ...	6'5	378	006	Turbid
16.— „	1—5, Upper Hill-street ...	3'1	39	003	Clear
17.—Feb. 27.	34—38, Metcalf-street ...	6'4	847	0015	Clear
18.— „	28—32, Metcalf-street ...	11'1	988	0080	Clear
19.— „	10—16, & Ct. 6, Woodboy-st.	12'6	1'028	000	Clear
20.— „	33—35, Crab-street, and 26—34, George-street ...	13'6	954	006	Clear
21.— „	107—123A, Syston-street...	8'2	872	008	Clear
22.—Mar. 4.	47—51, Vine-street ...	6'0	229	018	Clear
23.— „	25—29, Thorpe-street ...	1'9	362	005	Clear
24.— „	31—35, Thorpe-street ...	2'8	427	005	Clear
25.— „	53—61, Great Holme-street	4'3	460	048	Clear
26.— „	21—27, Great Holme-street	1'9	229	006	Clear
27.— „	1—9, Great Holme-street...	2'0	230	005	Clear
28.— „	48—50, Willow-street ...	9'0	872	047	Clear
29.— „	4—12, Russell-square, and 48, Woodboy-street ...	8'3	969	000	Clear
30.— „	18—28, Woodboy-street ...	10'2	658	029	Clear
1.— „	73—75, Belgrave-gate and 12—16, Bedford-street ...	8'5	937	038	Clear

Date of Collection.	Description.	Chlorine.	Nitrogen as Nitrates.	Free Ammonia.	Character of Sample.
	Average Standards in Virgin Water ...	1·1	105	001	
32.—Mar. 11.	98—104, Gresham-street ...	9·3	·726	·008	Clear
33.— „	166—172, Gresham-street...	9·2	·592	...	Clear
34.— „	174—180, Gresham-street...	7·2	·460	·006	Clear
35.— „	190—196, Gresham-street...	8·5	·894	·002	Clear
36.—Mar. 18.	10—24, Braunstone-gate ...	4·9	·658	·005	Clear
37.— „	2—1, Braunstone-gate ...	5·0	·625	·004	Clear
38.— „	24—26, Dun's-lane ...	2·0	·872	·008	Clear
39.— „	14—18, West Bridge-street	4·2	·723	·011	Clear
40.— „	125—131, Syston-street ...	7·3	·888	·004	Clear
41.— „	133—139, Syston-street ...	6·0	·707	·004	Clear
42.— „	9—15, Gower-street ...	10·0	·543	·007	Clear
43.— „	6—10, Gower-street ...	4·5	·554	·006	Clear
44.—Mar. 11.	9—11, Marlboro-street ...	5·5	·510	·028	Clear
45.— „	1—3, Gold-street ...	2·8	·395	·006	Clear
46.— „	30—32, Devonshire-street	5·2	·790	·010	Clear
47.— „	19—25, South Church-gate	4·3	·720	·002	Clear
48.—April 1.	140—142, Willow-st. back cottages ...	8·5	1·255	·001	Clear
49.— „	27, Dryden-street ...	12·9	1·341	...	Clear
50.— „	9½—11, Alfred-street ...	21·5	2·057	·032	Clear
51.— „	5—7, Alfred-street...	8·6	1·543	...	Clear
52.— „	73—85, Knighton-street ...	3·0	·658	·016	Turbid
53.— „	9—13, Cumberland-street..	5·3	·781	·008	Clear
54.— „	1—7, Long-lane ...	6·8	·432	·005	Clear
55.— „	35—43, Grape-street and Burgess-street...	7·5	·823	·823	Clear
56.—April 15.	8—18, Knighton-street ...	8·7	1·23	...	Clear
57.— „	11—17, Knighton-street ...	6·1	·987	·04	Clear
58.— „	55—69, Knighton-street ...	5·0	1·069	...	Clear
59.— „	43—53, Knighton-street ...	6·2	1·028	·019	Clear
60.— „	100—110, Curzon-street ...	4·0	·823	·008	Clear
61.— „	174—184, Syston-street ...	4·2	·946	·004	Clear
62.— „	46—54, Syston-street ...	1·9	·582	·003	Clear
63.— „	17½—19½, Bow-street ...	7·0	1·316	·029	Clear
64.—May 1.	40—50, Crab-street ...	9·5	·740	·006	Clear
65.— „	18—26, Liverpool-street ...	10·8	1·234	·015	Clear
66.—May 1.	2—4, Gower-street ...	2·1	1·09	·008	Clear
67.— „	30—32, Gower-street ...	8·0	0·74	·028	Clear
68.—May 3.	56—66, Knighton-street ...	5·7	·823	·020	Clear
69.—	47—53, Napier-street ...	3·0	·482	·004	Clear
70.—	53—55, Filbert-street ...	2·8	·414	·002	Clear
71.— „	67 Filbert-street and 46, New Bridge-street ...	4·1	·823	...	Clear

Date of Collection.	Description.	Chlorine.	Nitrogen as Nitrates.	Free Ammonia.	Character of Sample.
	Average Standards in Virgin Water ...	1.1	105	001	
72.—May 13.	66, Metcalf-street ...	7.0	534	036	Clear
73.—,,	133½—135, Upper Brunswick-street ...	8.4	1.316	014	Clear
74.—,,	5—8, Alma Cottages, Upper Brunswick-street ...	2.7	493	005	Clear
75.—,,	132, Wheat-street ...	7.7	1.646	008	Clear
76.—,,	7—15, Ruding-street, Friars ...	8.2	1.234	005	Clear
77.—,,	43—47 and Ct. C, Friars-causeway ...	9.2	1.653	606	Clear
78.—,,	11—17, All Saints' Open, and 1—3, Friars-road ...	2.0	490	005	Clear
79.—,,	17—27, Butt Close-lane ...	9.0	1.367	008	Clear
80.—May 20.	14—18, West Bridge-street ...	4.5	925	025	Clear
81.—,,	33—35, Knighton-street ...	8.4	1.642	040	Clear
82.—,,	105—107, Catesby-street ...	5.3	1.440	012	Clear
83.—,,	63—71, Great Holme-street ...	2.5	905	002	Clear
84.—,,	18, Midland-street ...	7.0	1.711	017	Clear
85.—,,	30, Perey-st., & 21, Bow-st. ...	10.5	1.440	025	Clear
86.—,,	7—9, Midland-street ...	4.9	823	010	Clear
87.—May 27.	4—10, Opal-street ...	1.4	411	004	Clear
88.—,,	12, Opal-street ...	2.0	576	...	Clear
89.—,,	14—16, Opal-street ...	1.9	423	...	Clear
90.—,,	46—48, Emerald-street and Granville-villa, Opal-st. ...	2.6	470	...	Clear
91.—May 31.	7—15, Ruding-street, Friars ...	8.0	617	010	Clear
92.—,,	Ct. R, Northgate-street ...	6.2	1.152	...	Clear
93.—May 27.	113—123, Wheat-street ...	6.2	1.316	005	Clear
94.—,,	34—36½, Carley-street, and cottages at back ...	9.2	1.028	0.25	Clear
95.—,,	54—60, Eaton-street and 43—45, Brook-street ...	15.0	1.357	0025	Clear
96.—,,	37, Wharf-street ...	10.3	572	...	Clear
97.—,,	46—52, Argyle-street ...	11.1	2.057	...	Clear
98.—May 31.	182—188, Gresham-street ...	14.0	1.646	023	Clear
99.—June 10.	74—78, Craven-street ...	2.3	740	013	Clear
100.—,,	Craven-street terrace ...	2.4	581	006	Clear
101.—,,	45—51, Craven-street ...	5.5	1.069	005	Clear
102.—,,	37—43, Craven-street ...	1.4	381	005	Clear
103.—,,	70—72, Upp. Brunswick-st. ...	6.0	1.028	008	Clear
104.—,,	155—157, Cranbourne-st. ...	7.1	1.317	010	Clear
105.—,,	3—11, Willow Bridge-st. ...	10.0	1.81	002	Clear
106.—,,	13—17, Willow Bridge-st. ...	9.6	1.357	009	Clear

Date of Collection	Description.	Chlorine.	Nitrogen as Nitrates.	Free Ammonia.	Character of Sample.
	Average Standards in Virgin Water ...	1'1	105	001	
107.—June 14.	3—9, Kenyon-street, 7—9, Lord-st., & 26, Eldon-st.	8'7	1'851	014	Turbid
108.—June 17.	10—14, Kenyon-street ...	9'4	1'440	015	Clear
109.—,,	16—26, Kenyon-street ...	13'2	1'357	008	Clear
110.—,,	11—19, Eldon-street, and 14—18, St. James-street	9'0	1'152	004	Clear
111.—,,	2—6, St. James-street ...	7'1	1'399	002	Clear
112.—June 19.	17—27, Deacon-street ...	5'5	0623	008	Clear
113.—,,	69, Asylum-street ...	3'3	0723	022	Clear
114.—,,	35—41, Mill-lane ...	4'0	0642	042	Clear
115.—,,	18, Upper Brown-street ...	2'8	0821	044	Clear
116.—June 26.	266—272, Belgrave-gate ...	7'5	1'235	014	Clear
117.—,,	246, Belgrave-gate ...	7'3	1'242	006	Clear
118.—,,	204, Belgrave-gate ...	13'8	1'11	012	Clear
119.—,,	196—198, Belgrave-gate ...	11'6	1'275	0205	Clear
120.—July 1.	160—162, Belgrave-gate ...	11'8	2'469	020	Clear
121.—,,	128, Belgrave-gate ...	11'7	2'057	030	Clear
122.—,,	110—114, Belgrave-gate ...	11'7	1'646	008	Clear
123.—July 5.	Freemen's Common ...	5'2	0876	030	Cloudy
124.—July 1.	18—24, Southampton-st. ...	2'9	0576	002	Cloudy
125.—,,	10—17, Morledge-street ...	1'9	0402	006	Clear
126.—,,	8, Erskine-street ...	2'7	0584	004	Clear
127.—,,	16—26, Lower Hill-street...	4'5	1'028	002	Clear
128.—July 15.	26—37, Johnson-street ...	2'2	0451	002	Clear
129.—July 17.	97—107, Upper Brunswick- street, & 1—4, Alma-cottg.	2'3	4'11	000	Turbid
130.—July 18.	163—165, Belgrave gate ...	7'8	1'687	001	Clear
131.—,,	24—30, Eaton-street ...	11'8	1'810	000	Clear
132.—Aug. 5.	1—6, NewParliament-st. ...	20'0	0946	012	Turbid
133.—,,	7—15, NewParliament-st. ...	7'2	0493	023	Clear
134.—,,	13—19, Luke-street ...	9'3	0852	003	Clear
135.—,,	13—14, and Court A, Pas- ture-lane ...	5'0	0781	026	Clear
136.—,,	151—153, Cranbourne-street	5'5	0864	008	Clear
137.—,,	107—123A, Syston-street ...	9'5	1'275	008	Clear
138.—,,	58—64, Lower Willow-st. ...	3'2	1'234	007	Clear
139.—Aug. 26.	52—64, Brunswick-street...	7'0	0411	013	Clear
140.—,,	38—48, Brunswick-street...	16'6	2'057	012	Clear
141.—,,	50, Brunswick-street ...	7'0	0699	006	Clear
142.—,,	18—24, Brunswick-street...	3'2	0493	005	Turbid
143.—,,	4—6, and Court U, Sanvey- gate ...	3'1	0498	004	Clear

Date of Collection.	Description.	Chlorine.	Nitrogen as Nitrates.	Free Ammonia.	Character of Sample.
	Average Standards in Virgin Water ...	1.1	105	001	
144.—Aug. 26.	18, Sanvey-gate ...	8.2	.872	.007	Clear
145.— „	20, Sanvey-gate ...	5.3	.823	.033	Clear
146.— „	26—28, Sanvey-gate ...	9.5	.992	.035	Clear
147.—Sep. 2.	108—122, Cranbourne-st. ...	10.4	.499	.008	Clear
148.— „	104—106, Cranbourne-st. ...	8.9	.739	.001	Clear
149.— „	1—7, Cranbourne-street ...	4.8	.777	.004	Clear
150.— „	1—9, Bread-street ...	7.1	.822	.001	Clear
151.— „	246, Belgrave-gate ...	7.0	.778	.003	Clear
152.— „	196—198, Belgrave-gate ...	13.9	.463	.030	Clear
153.— „	74—78, Craven-street ...	3.1	.420	.006	Clear
154.—Sep. 5.	97—99, Sanvey-gate ...	10.2	1.142	.009	Clear
155.— „	101—103, Sanvey-gate and 1—9, Ct. A, Northgate-st.	10.3	1.646	.019	Clear
156.— „	75—75½, Sanvey-gate ...	7.0	1.111	.000	Clear
157.— „	71, Sanvey-gate ...	6.5	1.504	.000	Clear
158.—Sep. 16.	84—92, Upper Brunswick- street, and 54, Chester-st.	5.7	1.028	.002	Clear
159.— „	80—82, Upper Brunswick street, and 56, Chester-st.	8.0	1.357	.002	Clear
160.— „	27—33, Brunswick-street ...	10.2	1.851	.000	Clear
161.— „	23—25, Brunswick-street ...	3.0	.492	.001	Clear
162.— „	40—44, Coventry-street ...	2.0	.493	.000	Clear
163.— „	30—32, Coventry-street ...	2.6	.411	.002	Clear
164.— „	26—28, Coventry-street ...	2.5	.401	.000	Clear
165.— „	2—6, Coventry-street ...	2.3	.431	.005	Clear
166.—Sep. 23.	13—15, Up. Brunswick-st.	5.9	1.050	.019	Turbid
167.— „	74—76, Up. Brunswick-st.	4.3	.983	.004	Clear
168.— „	109—115, Up. Brunswick-st.	11.4	1.642	.004	Clear
169.— „	46—54, Syston-street ...	2.8	.421	.005	Clear
170.— „	6—12, West Holme-street.	2.9	.698	.042	Turbid
171.— „	58—64, Coventry-street ...	6.0	1.761	.008	Clear
172.— „	17—19, Coventry-street ...	3.0	2.092	.005	Clear
173.— „	15, Church-gate ...	12.4	2.496	.001	Clear
174.—Oct. 4.	34—38, Lower Red Cross-st. and 4, West Bridge-st ...	2.1	.487	.005	Clear
175.—Oct. 6.	18—22, and Ct. L, Colton- street, and 34—42, Wil- low Bridge-street ...	7.0	1.317	.004	Clear
176.—Oct. 10.	11—15, Rudkin-street ...	10.5	1.532	.000	Clear
177.—Oct. 11.	153, Humberstone-road ...	6.5	1.851	.004	Clear
178.—Oct. 12.	3—13, Albert-street, New Bridge street ...	2.7	.642	.002	Clear



Date of Collection.	Description.	Chlorine.	Nitrogen as Nitrates.	Free Ammonia.	Character of Sample.
	Average Standards in Virgin Water ...	1.1	105	001	
179.—Oct. 17.	38—44, St. George-street...	1.6	576	003	Turbid
180.—Oct. 23.	264—270, Birstall-street ...	7.0	1.196	012	Clear
181.— ,	176—180 Birstall-street ...	6.7	1.187	006	Clear
182.— ,	17—19, Wanlip-street ...	5.4	1.645	001	Clear
183.— ,	6, Eaton-street ...	8.5	1.275	000	Clear
184.— ,	109, Catesby-street ...	3.6	1.368	000	Clear
185.— ,	55—63, Catesby-street ...	5.9	1.728	000	Clear
186.— ,	25—33, Catesby-street ...	9.8	1.638	008	Clear
187.— ,	47—53, Catesby-street ...	5.2	730	010	Clear
188.—Oct. 28.	181, Argyle-street...	7.7	821	030	Clear
189.— ,	138—144, Argyle-street ...	12.5	020	008	Clear
190.— ,	87—89, Argyle-street ...	11.8	613	004	Clear
191.— ,	70—76, Argyle-street ...	8.9	430	014	Clear
192.—Oct. 30.	108, Sanvey-gate ...	7.8	733	007	Clear
193.— ,	100, Sanvey-gate ...	8.5	1.010	018	Clear
194.— ,	63—63½, Sanvey-gate ...	11.8	492	039	Clear
195.— ,	22½—24, Sanvey-gate ...	7.8	576	011	Clear
196.—Nov. 4.	4—10, William-street ...	6.0	865	041	Clear
197.— ,	3—7, William-street, and 14—18, Nichols-street ...	3.8	613	010	Clear
198.— ,	1—7, Richard-street, and 17—21, William-street...	30.5	826	026	Clear
199.— ,	20—30, Richard-street ...	2.5	604	004	Turbid
200.— ,	42—46, Lower Brown-st., and 7, Carlton-street ...	2.0	424	016	Turbid
201.— ,	30—32, Bradgate-street ...	4.9	921	008	Clear
202.— ,	34—36, Bradgate-street ...	3.7	843	011	Clear
203.— ,	8—11, Diamond-street ...	17.4	723	001	Clear
204.—Nov. 7.	14—20, Charlotte-street ...	10.7	987	010	Clear
205.— ,	1—15, Emerald-street ...	3.0	864	001	Clear
206.— ,	26—32, Diamond-street ...	15.3	852	020	Clear
207.— ,	85—91, Emerald-street ...	0.9	410	005	Clear
208.— ,	9—15, Diamond-street ...	1.6	322	002	Clear
209.— ,	3—13, Albert-street, New Bridge-street ...	2.0	370	030	Clear
210.— ,	2½—4, Napier-street ...	7.0	823	007	Turbid
211.— ,	Houses at Sewage Works...	3.5	698	005	Clear
212.—Nov. 11.	20—22, Milton-street ...	9.4	1.075	041	Clear
213.— ,	41, Milton-street ...	19.0	579	038	Clear
214.— ,	20—22, Russell-square ...	6.6	617	040	Clear
215.— ,	Ct. B, Hummerstone-gate, & 2—11, Hummerstone-gate	11.0	602	025	Clear

Date of Collection.	Description.	Chlorine.	Nitrogen as Nitrates.	Free Ammonia.	Character of Sample.
	Average Standards in Virgin Water ...	11	105	001	
216.—Nov. 25.	40—46, Jarrom-street ...	17	410	002	Slightly Turbid.
217.—,,	2—8, Goswell-street ...	35	731	002	Clear
218.—,,	50—56, Emerald-street ...	28	729	001	Clear
219.—,,	17, Frog Island ...	22	493	035	Clear
220.—,,	37, Argyle-street ...	98	818	005	Clear
221.—,,	29—35, Argyle-street ...	71	721	004	Clear
222.—,,	43, Dorset-street ...	30	915	003	Clear
223.—,,	198—204, Gresham-street...	70	615	002	Clear
224.—,,	206—212, Gresham-street...	68	810	053	Clear
225.—Nov. 23.	1—15, Rudkin-street, and 34—42, Willow Bridge-st.	107	617	002	Clear
226.—Dec. 2.	16—18, Walnut-street ...	40	554	042	Clear
227.—,,	2—8, Middle-street ...	56	621	012	Yellow colour
228.—,,	99—105, Andrew-street ...	27	779	004	Clear
229.—,,	83—89, Andrew-street ...	62	409	008	Clear
230.—,,	9—15, Cranbourne-street...	52	843	003	Clear
231.—,,	75—77, Cranbourne-street...	64	576	005	Clear
232.—,,	79—81, Cranbourne-street...	25	505	003	Clear
233.—,,	83, Cranbourne-street ...	55	620	002	Clear

### OCCUPATION OF PERSONS WHO DIED OF CONSUMPTION IN LEICESTER, DURING THE FOUR YEARS, 1878—81.

Warehousemen ... ..	8	Elastic Web Weavers ...	9
Hosiery hands ... ..	7	Foremen ... ..	2
Cigar makers ... ..	4		
Frame Work Knitters ...	15		11
	<u>34</u>		
Clerks ... ..	9	Shoe Makers ... ..	10
Managers ... ..	4	„ Hands ... ..	6
Reporter ... ..	1	Riveters ... ..	23
	<u>14</u>	Clickers ... ..	18
Porters, &c. ... ..	9	Finishers ... ..	14
Policeman ... ..	1	Pressmen ... ..	3
	<u>10</u>		<u>74</u>

Tailors ... ..	11
Carpenters ... ..	10
Hatters ... ..	5
Bakers ... ..	4
Bricklayer... ..	1
Tinman ... ..	1
Stone Masons ... ..	6
Trimmers ... ..	5
Hairdresser ... ..	1
Turner ... ..	1
Brewer ... ..	1
Painters ... ..	4
Wool Sorter ... ..	1
Cooper ... ..	1
Cabinet Maker ... ..	1
Coach Trimmer ... ..	1
Gas Fitter... ..	1
Printers ... ..	3
Compositor ... ..	1
Bookbinder ... ..	1

---

60

Blacksmiths ... ..	2
Whitesmith ... ..	1
Framesmiths ... ..	2
Engine Fitters ... ..	2
Mechanics ... ..	5
Iron Moulder ... ..	2
Stokers ... ..	2
Engine Drivers ... ..	2
Millwright ... ..	1
Wheelwright ... ..	1

---

20

---

Boatmen ... ..	2
Labourers... ..	29
Grooms ... ..	5
Carters ... ..	4
Gardeners... ..	2
Carriage Cleaner ... ..	1
Cow Keeper ... ..	1
Milkman ... ..	1
Brickmaker ... ..	1

---

47

---

Soldiers ... ..	8
Comedian... ..	1
Musician ... ..	1
Travellers... ..	2
Hawkers ... ..	4
Waiter ... ..	1
Mangle Keeper ... ..	1
Warder ... ..	1

---

19

---

Butchers ... ..	7
Publicans ... ..	5
Grocers ... ..	3
Spirit Merchant ... ..	1
Jewellers ... ..	2
Curriers ... ..	2
Fishmonger ... ..	1
Draper ... ..	1
Corn Dealer ... ..	1
Potato Salesman ... ..	1
Shopkeepers ... ..	2
Ironmonger ... ..	1
Mineral Water Maker ... ..	1

---

28

---

## FEMALES.

Warehouse Hands	...	8
Hosiery Hands	...	4
Box Makers	...	2
Menders	...	2
Seamers	...	2
		<hr/> 18
Shoe Fitter	...	1
Machine Stitchers	...	7
Dressmakers	...	6
		<hr/> 14
Servants	...	8
Teacher	...	1
Barmaid	...	1
Laundress	...	1
Seampstress	...	1
		<hr/> 12
Factory Hands	...	7

## SUMMARY.

Warehouse, &c.	...	34
Porters, &c.	...	10
Clerks, &c.	...	14
Working Trades	...	60
Shoe Trade	...	74
Elastic „	...	11
Mechanics, &c.	...	20
Various	...	19
Labourers, &c.	...	46
Tradesmen	...	28
		<hr/> 316

## FEMALES.

Warehouse	...	18
Factory	...	7
Home	...	14
Various	...	12
		<hr/> 51

DEATHS RECORDED IN EACH MONTH FROM PULMONARY  
CONSUMPTION IN THE BOROUGH OF LEICESTER DURING  
THE FOUR YEARS, 1878-81.

Months.	1878	1879	1880	1881	Total for the 4 Years.
January ... ..	22	14	13	24	73
February ... ..	19	19	15	12	65
March ... ..	15	22	14	21	72
April ... ..	14	26	24	13	77
May ... ..	13	18	13	8	52
June ... ..	20	14	20	16	70
July ... ..	22	10	16	19	67
August ... ..	25	20	12	14	71
September ... ..	18	13	20	23	74
October ... ..	25	14	26	20	85
November ... ..	15	22	12	12	61
December ... ..	14	14	22	20	70
Total ... ..	222	206	207	202	837

TABLE A.

WARD DISTRIBUTION OF DEATHS AND MORTALITY FROM ZYMOTIC DISEASES, IN 1882.

WARDS.	DISEASES.								RATES PER 1,000 LIVING.							
	Small Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Fever.	Diarrhoea.	Total Deaths.	Small Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Fever.	Diarrhoea.	Zymotic Rate
St. Martin's Ward	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Margaret's "	4	11	2	1	...	1	23	42	0.31	0.85	0.15	0.08	...	0.08	1.77	3.23
Middle "	...	32	19	9	...	4	66	130	...	0.92	0.54	0.26	...	0.11	1.89	3.72
East "	...	8	11	7	...	5	43	74	...	0.28	0.39	0.25	...	0.18	1.5	2.60
East Mary's "	...	3	3	...	...	...	5	11	...	0.32	0.32	...	...	...	0.53	1.16
West "	...	7	14	1	5	8	45	80	...	0.29	0.58	0.04	0.21	0.33	1.87	3.46
All Saints'	...	13	23	1	...	1	32	70	...	0.91	1.6	0.08	...	0.08	2.24	4.90

TABLE B.

WARD DISTRIBUTION OF DEATHS FROM FOUR CLASSES OF DISEASES, IN 1881.

WARDS.	DISEASES.					RATES PER 1,000 LIVING.			
	Phthisis.	Respiratory Diseases.	Developmental Diseases.	Convulsions.		Phthisis.	Respiratory Diseases.	Developmental Diseases.	Convulsions.
St. Martin's Ward	2	2	3	2	...	0.91	0.91	1.36	0.91
North Margaret's "	25	48	51	28	...	1.92	3.70	3.93	2.16
Middle "	48	109	132	74	...	1.37	3.12	3.78	2.12
East "	58	93	69	28	...	2.04	3.28	2.43	0.99
East Mary's "	15	23	13	6	...	1.58	2.43	1.37	0.63
West "	50	68	46	38	...	2.08	2.83	1.92	1.58
All Saints "	17	48	36	28	...	1.19	3.36	2.52	1.96
Total	215	391	350	204	Average Rate. }	1.70	3.10	2.77	1.61



# STREETS IN WHICH DEATHS OCCURRED FROM ZYMOTIC DISEASES DURING THE YEAR 1882.

## MEASLES.

31, Shenton street	8, Percy street
106, Willow Bridge street	1, Foundry square
52, Upper Brunswick street	38, Archdeacon lane
45, Frank street	130, Curzon street
111, Gresham street	Navigation street
49, Woodboy street	118, Charnwood street
Royal East street	33, Wolsey street
22, Alexander street	Wood street
19, Old Mill lane	54, Russell street
24, Alexander street	56, Willow Bridge street
2, Emerald street	85, Upper Brunswick street
35, Brierley street	54, Burgess street
10, Old Mill lane	95, Carlisle street
8, White street	3, Court A, Southgate street
Court D, Bedford street	16, Friday street
" "	69, Willow Bridge street
" "	73, All Saints' road
Frog Island cottages	5, Terrace, Dannett street
47, Northgate street	13, Orton street
Court D, Bedford street	55, Martin street
" "	13, Cardigan street
21, Russell street	74, Guthlaxton street
27, Leadenhall street	2, Wagon and Horses yard
99, Syston street	26, Victoria street
24, Upper Charles street	31, Wellington street
11, Birstall street	58, Albion street
30, Blackfriars' street	111, Wheat street
27, Oak street	114, Upper Conduit street
70, Birstall street	27, Oak street
Court B, Northgates	Court C, Wellington street
1, Spitalhouse street	Court C, Humberstone gate

119, Northampton street  
 237, Birstall street  
 74, Argyle street  
 63, Bardolph street  
 22, Hanover street

Wheat street  
 57, Oxford street  
 190, Dorset street  
 Court D, Humberstone gate

## DIPHTHERIA.

17, Chancery street  
 2, Gray street  
 28, Middle street

4, Terrace, Ruding street  
 18, Applegate street

## SCARLET FEVER.

50, Wharf street  
 47, Oxendon street  
 22, Swaffham street  
 21, Wigston street  
 41, Liverpool street  
 48, Norfolk street  
 46, Curzon street  
 41, Liverpool street  
 52, Vauxhall street  
 5, Brougham street  
 7, Church street  
 93, Birstall street  
 Cross Keys terrace  
 23, Jewrywall street  
 64, Northampton street  
 53, Catesby street  
 12, Cross Keys terrace  
 7, Stanley street  
 19, Chester street  
 64, Coventry street  
 9, Fitzroy cottages  
 12, Ruding street  
 4, Wolsey street  
 4, All Saints' place  
 27, Leadenhall street

15, Lower Redcross street  
 23, Bread street  
 2, Court A, Alexander street  
 12, Wolsey street  
 6, Redcross street  
 7, St. Leonard street  
 38, Carley street  
 7, Northgate street  
 26, Nursling street  
 13, Orton street  
 12, Bradgate street  
 29, Princess street  
 69, Bedford street  
 15, North Bridge place  
 2, Court B, Littleton street  
 2, Olive street  
 146, Highcross street  
 44, Upper Kent street  
 50, Carley street  
 14, Alexander terrace  
 30, Alexander street  
 48, Aylestone street  
 65, Curzon street  
 277, Syston street  
 47, Cardinal street

## FEVER.

99, Clipstone street

35, Gray street

10, Mill Hill lane

26, Avon street

Infirmary

"

46, Syston street

202, Belgrave gate

Laurel road

42, Rodney street

21, Ruding street, Friars

36, Johnson street

Leicester Infirmary

50, Clarendon street

Leicester Infirmary

53, Navigation street

5, Sparkenhoe street

St. Peter's road

Infirmary

## WHOOPING COUGH.

28, Lewin street

148, Curzon street

29, Humberstone road

4, Nursling street

53, Charnwood street

15, East Bond street

101, Northampton street

49, Wheat street

106, Wharf street

70, Mansfield street

58, Brunswick street

138, Wheat street

31, Belgrave gate

122, Biddulph street

Necton cottages

25, Gartree street

72, Evington street

7, New Park street

## ERYSIPELAS.

9, Hutchinson street

25, Bow street

14, Old Mill lane

1, East Bond street

6½, Liverpool street

6, Caroline street

69, Crafton street

31, Biddulph street

82, Abbey gate

15, Clara street

## DIARRHŒA.

Date.	Age.	Address.	Date.	Age.	Address.
Jan. 4	8 months	Court B, Outram Street	July 10	3 months	93, East Bond Street
,, 9	4 months	1, Mill Lane	,, 10	3 months	11, Sarah Street
Apl. 3	5 years	42, Dover Street	,, 10	2 weeks	10, Butt Close Lane
,, 15	4 months	10, Northampton Square	,, 11	9 months	5, Fairfax Street
May 11	74 years	Union Workhouse	,, 12	2 months	4, Ct. A, Jewry Wall St.
,, 17	1 year	8, Corah Street	,, 13	6 months	121, Higheross Street
,, 18	1 year	2, Court B, Grange Lane	,, 9	3 weeks	14, Ct. B, Belgrave Gate
,, 23	4 months	41, Worthington Street	,, 6	3 months	36, Stanley Street
June 1	6 months	2, Lewin's Cottages	,, 9	7 months	Court C, Belgrave Gate
,, 4	3 weeks	21, Belper Street	,, 10	2 months	85, Birstall Street
,, 7	2 month	66, Wheat Street	,, 10	7 months	24, Mansfield Street
,, 2	7 weeks	4, Ct. L, Northgate St.	,, 11	4 months	9, Wood St., Belgrave Gt.
,, 5	2 months	32, Blake Street	,, 13	2 months	36, Lee Street
,, 11	73 years	9, Pasture Lane	,, 12	4 months	46, Wheat Street
,, 16	2 weeks	10, Elm Street	,, 13	4 months	Woodboy Street, Yard
,, 18	5 months	22, Lower Willow St.	,, 14	3 weeks	203, Belgrave Gate
,, 20	6 months	89, Wheat Street	,, 14	7 months	170, Belgrave Gate
,, 20	2 months	25, Leadenhall Street	,, 17	5 weeks	A 1, Mill Lane
,, 20	3 months	18, Cumberland Street	,, 16	5 months	6, Little Holme Street
,, 30	3 months	45, George Street	,, 18	11 days	8, Slater Street
,, 27	2 weeks	76, Willow Street	,, 21	7 months	10, New Park Street
July 6	1 week	4, Ct. B, Bonner's Lane	,, 20	9 months	19, Andrew Street
,, 5	4 months	8, Fleet Street Terrace	,, 21	7 months	27, Clara Street
,, 4	3 months	12, Lower Willow St.	,, 21	7 months	3, Ct. A, Bakehouse Lane
,, 7	1 month	168, Argyle Street	,, 15	6 months	1, Court A, Abbey St.
,, 9	4 months	64, Welford Road	,, 14	6 months	5, Berkley Street

Date.	Age.	Address.	Date.	Age.	Address.
July 15	3 months	5, Brook Street	Aug. 2	6 months	26, Sycamore Lane
„ 17	84 years	88, Belgrave Gate	„ 3	4 months	14, Norfolk Street
„ 16	1 month	39, Abbey Street	„ 3	5 months	68, Mill Lane
„ 17	5 months	4, Court C, Willow St.	„ 3	11 months	111, Northgate Street
„ 18	3 months	3, Clyde Street	„ 4	5 months	21, Crown Street
„ 18	5 months	32, Colton Street	July 28	3 weeks	106, Wellington Street
„ 19	6 months	54, Britannia Street	„ 30	1 month	46, Grosvenor Street
„ 20	8 months	25, New Lane	„ 30	1 year	6, Brunswick Street
„ 21	3 months	71, Bedford Street	„ 29	4 months	9, Nelson Street
„ 21	6 months	1, Spa Cott., Curzon St.	„ 29	2 months	9, Nelson Street
„ 21	3 months	3, All Saints' Place	Aug. 1	4 months	137, Argyle Street
„ 24	9 days	Court F, Northgate St.	July 31	3 months	4, Curzon Place
„ 23	6 months	9, Ct. B, Blackfriars St.	Aug. 2	4 months	30, Nursling Street
„ 26	2 months	17, Cardinal Street	„ 2	1 year	59, Christow Street
„ 26	7 months	27, Clara Street	„ 3	2 months	13, Sherrard Street
„ 27	3 years	16, Sycamore Lane	„ 4	2 weeks	177, Humberstone Road
„ 27	4 months	7, Mill Lane	„ 4	2 months	179, Syston Street
„ 28	4 months	68, Chestnut Street	„ 7	4 months	48, Leamington Street
„ 23	8 months	4, Upper Conduit Street	„ 5	6 weeks	6, Durham Street
„ 23	4 months	Cottage Place, Brook St.	„ 6	7 weeks	Gas Cot., Aylestone Rd.
„ 23	12 days	57, Charnwood Street	„ 7	9 months	Fitzroy Cottages
„ 29	11 months	100, Clipstone Street	„ 9	6 weeks	71, Catesby Street
„ 29	1 year	3, Dover Street, Square	„ 9	6 weeks	25, Coventry Street
„ 29	4 weeks	21, Knighton Street	„ 8	2 years	21, Jewry Wall Street
„ 29	9 weeks	10, Noble Street	„ 9	2 weeks	3, Clara Street
„ 31	2 months	30, Charlotte Street	„ 10	5 months	54, Great Holme Street
„ 30	3 months	33, Filbert Street	„ 9	4 months	7, Cumberland Street
„ 30	3 months	38, Alexander Street	„ 11	4 months	38, Mostyn Street
Aug. 2	5 months	97, Oxford Street	„ 5	3 months	2, Ct. A, Charles Street

Date.	Ago.	Address.	Date.	Age.	Address.
Aug. 4	6 months	28, Spittalhouse Street	Aug. 16	5 months	84, Martin Street
„ 8	1 year	34, Alfred Terrace	„ 16	2 months	138, Willow Street
„ 3	2 months	6, Harrington Street	„ 17	5 months	8, Elm Street
„ 10	2 months	36, Fleet Street	„ 17	10 months	87, Argyle Street
„ 10	2 months	39, Occupation Road	„ 17	3 months	8, Baker Street
„ 10	55 years	34, Conduit Street	„ 20	3 months	60, Causeway Lane
„ 9	1 month	41, Preston Street	„ 22	2 years	93, Filbert Street
„ 10	6 months	17, Abbey Street	„ 24	6 months	6, South Bond Street
„ 9	1 year	45, Lower Willow St.	„ 18	11 months	86, Twyeross Street
„ 11	3 months	8, Baker Street	„ 20	5 months	103, Wheat Street
„ 11	5 months	6, Melville Street	„ 19	1 year	22, Chandos Street
„ 11	11 months	1, Palmerston Terrace	„ 20	6 months	12, Denmark Street
„ 12	3 weeks	11, Magazine Square	„ 19	3 months	B. Palmerston Street
„ 14	6 months	23, Thorpe Street	„ 21	7 months	Wymston Cottages, Upper Conduit St.
„ 14	4 months	98, King Richard's Rd.	„ 20	4 months	1, Bath Cottages, Bid- dolph Street
„ 16	4 months	13, Crown Street	„ 21	6 months	23, Gravel Street
„ 17	9 months	2, Wolsey Street	„ 20	44 years	44, London Road
„ 12	2 months	Back of 2, Abbey St.	„ 21	1 year	8, Gower Street
„ 14	8 months	73, Denman Street	„ 24	7 months	23, Devonshire Street
„ 11	3 months	32, Charnwood Street	„ 24	7 months	111, Gresham Street
„ 13	6 months	25, Brongham Street	„ 24	6 months	30, Navigation Street
„ 12	1 year	Workhouse	„ 25	3 months	23, Leadenhall Street
„ 14	1 year	60, Flint Street	„ 26	9 months	44, Avon Street
„ 14	3 months	19, Newby Street	„ 27	2 weeks	13, Jewry Wall Street
„ 15	2 weeks	26, Percy Street	„ 26	7 months	24, St. Nicholas Street
„ 15	3 months	116, Northampton St.	„ 25	73 years	41, Catesby Street
„ 14	1 year	66, Northgate Street	„ 27	1 year	11, Bakehouse Lane
„ 14	2 months	41, Colton Street	„ 27	6 months	80, King Richard's Rd.
„ 16	5 months	1. Ct. B, Mansfield St.	„ 30	6 months	3, Ct. X, Northgate St.



Date.	Age.	Address.	Date.	Age.	Address.
Aug. 29	3 months	11, Great Holme Street	Sep. 11	52 years	86, Northampton St.
„ 22	3 weeks	15, Cardigan Street	„ 16	2 months	9, Bonner's Lane
„ 30	10 months	44, Chestnut Street	„ 16	7 months	1, Ct. K, Colton Street
„ 31	5 months	46, Abbey Gt (dysentery)	„ 17	3 months	83, Clipstone Street
„ 26	10 months	47, Willow Bridge St.	„ 22	1 month	119, Birstall Street
„ 28	1 year	42, Grosvenor Street	„ 23	3 months	26, Melville Street
„ 30	2 months	10, Thomas Street	„ 22	10 months	31, Knighton Street
„ 31	2 months	31, Craven Street	„ 26	10 months	8, Dannett Street
„ 31	7 months	4, Denmark Terrace	„ 27	10 months	64, All Saints' Road
Sep. 8	3 months	12, Henry Street	„ 23	11 months	11, Frank Street
„ 4	3 months	21, Blake Street	„ 24	1 month	31, Ash Street
„ 3	5 months	14, Neale Street	„ 23	2 months	60, Stanley Street
„ 3	6 months	6½, Friday Street	Oct. 3	4 years	C. Mill Lane
„ 1	6 weeks	Union Workhouse	„ 5	2 months	1, Pike Street
„ 3	58 years	Union Workhouse	„ 6	4 months	2, Brook Street
„ 4	3 years	74, Sherrard Street	„ 9	1 year	5, Henry Street
„ 9	5 months	6, Durham Street	„ 12	80 years	Walnut Street
„ 7	3 weeks	36, Great Holme Street	„ 7	3 weeks	104, Oxenden Street
„ 8	9 months	4, Harcourt Street	„ 16	8 months	44, Waring Street
„ 10	2 months	Ct. H, Britannia Street	„ 22	56 years	25, St. John Street
„ 10	5 months	288, Birstall Street	Nov. 27	9 weeks	8, Belvoir Street
„ 11	10 months	12, Willow Cottages	Dec. 4	4 months	4, Curzon Street
„ 9	12 days	21, Old Mill Lane	„ 18	8 months	6, Pike Street
„ 14	6 months	10, Stoughton Street			



SUMMARY OF CASES OF INFECTIOUS DISEASES ADMITTED INTO THE  
BOROUGH HOSPITAL DURING 1882.

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
1	9	Jan. 2	295, Birstall Street	Scarlet Fever	Feb. 16	
2	6	„ 2	3, Mostyn Street	„ „	Mar. 11	
3	3	„ 3	Cranbourne Street	„ „	Feb. 28	
4	1	„ 3	Union	„ „	„ 11	
5	3	„ 3	80, Brook Street	„ „	„ 17	
6	4	„ 5	295, Birstall Street	„ „	„ 16	
7	5	„ 5	Abbey Street	Small Pox	Mar. 11	
8	62	„ 5	„ „	Erysipelas	Jan. 21	
9	2	„ 6	16, Up. Brunswick St.	Scarlet Fever	Feb. 15	
10	14	„ 6	{ Court C, Humber- stone Gate }	„ „	„ 18	
11	2	„ 6	Union	„ „	„ 18	
12	9	„ 6	Court J, Jewrywall St.	„ „	„ 18	
13	4	„ 7	52, Aylestone Street	„ „	„ 18	
14	1	„ 7	Union	„ „	Mar. 4	
15	76	„ 7	„	Erysipelas	Jan. 14	
16	33	„ 7	„	Scarlet Fever	Mar. 4	
17	6	„ 7	4, Friars Road	„ „	Feb. 18	
18	4	„ 7	„ „	„ „	„ 18	
19	19	„ 7	Alexander Terrace	„ „	Jan. 17	
20	12	„ 8	11, Abbey Street	Small Pox	„ 12	Died.
21	5	„ 8	„ „	„ „	Mar. 10	
22	3	„ 8	„ „	„ „	„ 10	
23	8	„ 9	82, Andrew Street	Scarlet Fever	Feb. 23	
24	3	„ 9	10, West Holme Street	„ „	„ 28	
25	6	„ 11	„ „	„ „	„ 25	

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
26	5	Jan. 11	10, West Holme Street	Scarlet Fever	Feb. 25	
27	31	" 11	Union	" "	Mar. 25	
28	1	" 11	"	" "	" 25	
29	5	" 12	57, Frank Street	" "	Feb. 23	
30	2	" 12	10, Milton Street	" "	Mar. 4	
31	4	" 12	" "	" "	Feb. 25	
32	1	" 12	Union	" "	Mar. 4	
33	32	" 12	"	" "	" 4	
34	7 mo	" 12	"	" "	April 4	
35	20	" 12	"	" "	" 8	
36	9	" 13	2, Northumberland St.	Erysipelas	Feb. 4	
37	6	" 14	27, Emerald Street	Scarlet Fever	" 25	
38	8	" 14	15, Wolsey Street	" "	" 23	
39	5	" 14	48, Buckingham St.	" "	" 23	
40	4	" 14	32, Carlyle Street	" "	" 27	
41	3	" 16	39, Andrew Street	" "	Jan. 23	Died.
42	9	" 16	27, Emerald Street	" "	Feb. 28	
43	4	" 16	68, Noble Street	" "	Mar. 4	
44	2	" 16	13, Elm Street	" "	Jan. 25	Died.
45	32	" 16	2, Sanvey Gate	Erysipelas	Feb. 4	
46	77	" 16	Union	" "	" 7	
47	4	" 16	58, Duke Street	Scarlet Fever	Jan. 27	Died.
48	2	" 16	4, Gosling Street	" "	Feb. 28	
49	2	" 17	8, Grange Lane	" "	Mar. 4	
50	4	" 17	Union	" "	" 25	
51	42	" 18	217, Belgrave Gate	Small Pox	" 3	
52	32	" 18	106, Wheat Street	Scarlet Fever	Feb. 7	
53	2	" 19	34, Mostyn Street	" "	Jan. 29	Died. Convulsions.
54	39	" 19	Church Gate	Erysipelas	Mar. 18	

No.	Age.	Date of Admis- sion.	Residence.	Disease.	Date of Dis- charge.	Remarks.
55	6	Jan. 23	17, Lee Street	Scarlet Fever	Mar. 11	Unvaccinated.
56	6 mo	„ 23	7, Wood Street	Small Pox	„ 22	
57	28	„ 23	„ „	„ „	„ 22	
58	13	„ 24	35, Royal East Street	„ „	April 1	
59	22	„ 24	16, Green Street	„ „	„ 15	
60	32	„ 24	Union	„ „	„ 15	
61	26	„ 24	26, Melville Street	Erysipelas	Feb. 7	
62	77	„ 24	Union	„	„ 7	
63	60	„ 24	10, Orchard Street	„	Mar. 4	
64	5	„ 24	27, Brook Street	Scarlet Fever	Apr. 15	
65	7	„ 25	60, Waring Street	„ „	„ 15	
66	4	„ 25	Gresham Street	„ „	„ 15	
67	24	„ 25	Union	„ „	Feb. 6	
68	2	„ 25	„	„ „	Mar. 4	
69	16	„ 25	14, Kent Street	„ „	Feb. 7	
70	5	„ 27	2, Blackfriars Street	„ „	Mar. 11	
71	40	„ 28	Prison	Small Pox	„ 22	
72	10	„ 28	8, Talbot Lane	Scarlet Fever	„ 11	
73	7	„ 28	5, Welland Street	„ „	„ 11	
74	4	„ 28	Jewry Wall Street	„ „	„ 18	
75	24	„ 30	Prison	Small Pox	Apr. 24	
76	4	„ 31	74, Buckingham St.	Scarlet Fever	Mar. 11	
77	32	Feb. 1	Prison	Small Pox	„ 20	
78	6	„ 1	Buckingham Street	Scarlet Fever	„ 11	
79	4	„ 1	1, Bridge Street	„ „	„ 18	
80	6	„ 1	53, Ash Street	„ „	„ 11	
81	6	„ 2	Union	Small Pox	„ 20	
82	6	„ 3	15, Kent Street	Scarlet Fever	„ 18	
83	25	„ 6	Union	„ „	„ 28	

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
84	4	Feb. 6	10, Northgate Street	Scarlet Fever	Mar. 18	
85	5	" 7	8, Bath Lane	" "	April 1	
86	9	" 7	16, Green Street	Small Pox	Mar. 20	
87	5	" 7	" "	" "	" 20	
88	30	" 7	Humberstone Gate	" "	April 1	
89	4	" 8	18, Bath Lane	Scarlet Fever	" 1	
90	37	" 8	Alice Street	Erysipelas	Feb. 10	Died.
91	14	" 10	2, Belgrave Gate	Small Pox	" 14	Died.
92	33	" 10	Union	Scarlet Fever	Mar. 25	
93	2	" 10	"	" "	" 25	
94	1	" 11	"	" "	April 1	
95	30	" 11	7, Wood Street	Small Pox	Mar. 13	
96	2	" 12	Union	Scarlet Fever	" 25	
97	24	" 14	31, Bedford Street	Erysipelas	" 7	
98	5	" 14	7, Stanley Street	Scarlet Fever	Feb. 28	
99	27	" 16	Argyle Street	Erysipelas	Mar. 20	
100	3	" 16	132, Dorset Street	Scarlet Fever	April 1	
101	3	" 16	18, Bath Lane	" "	" 1	
102	66	" 16	Ct. 11, Northgate St.	Erysipelas	Mar. 4	
103	6	" 17	Union	Scarlet Fever	April 1	
104	17	" 19	28, Market Place	" "	Mar. 25	
105	7	" 20	132, Dorset Street	" "	April 8	
106	4	" 20	2, Jewry wall Street	" "	" 29	
107	26	" 20	127, Brook Street	Erysipelas	Mar. 7	
108	5	" 21	Syston Street	Scarlet Fever	April 8	
109	5	" 21	109, Cobden Street	" "	" 15	
110	13	" 22	45, Melbourne Road	" "	" 8	
111	7	" 22	295, Birstall Street	" "	" 8	
112	22	" 23	Belgrave	Small Pox	" 26	

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
113	5	Feb. 23	79, Deacon Street	Scarlet Fever	April 8	
114	6	" 23	2, St. Nicholas Square	" "	" 8	
115	3	" 23	30, Carlton Street	" "	" 8	
116	4	" 24	Union	" "	" 15	
117	3	" 25	79, Deacon Street	" "	" 8	
118	19	" 26	40, Gresham Street	Erysipelas	Mar. 11	
119	63	" 27	Union	"	" 4	
120	3	" 27	"	Scarlet Fever	" 24	Died. Convulsions.
121	21	" 27	45, Up. Charles Street	" "	April 8	
122	5	" 27	Union	" "	" 22	
123	6	" 28	45, Melbourne Road	" "	" 8	
124	4	" 28	1, Sussex Street	" "	" 15	
125	2	Mar. 3	2, Liggins Street	" "	" 15	
126	5	" 3	" "	" "	Mar. 7	Died.
127	7	" 3	" "	" "	Apr. 15	
128	5	" 4	53, Catesby Street	" "	" 15	
129	3	" 7	Union	" "	" 22	
130	3	" 7	39, Carlisle Street	" "	" 22	
131	7	" 8	109, Cobden Street	" "	" 7	
132	5	" 9	Belgrave	Small Pox	" 7	
133	5	" 9	153, Birstall Street	Scarlet Fever	" 22	
134	5	" 10	127, Noble Street	" "	" 22	
135	2	" 13	32, Jewrywall Street	" "	" 26	
136	5	" 14	63, Andrew Street	" "	" 26	
137	13	" 14	22, William Street	" "	" 22	
138	3	" 16	48, Charnwood Street	" "	" 29	
139	5	" 16	" "	" "	" 29	
140	9	" 16	" "	" "	" 29	
141	7	" 16	" "	" "	" 29	

No.	Age.	Date of Admission.	Residence.	Disease	Date of Dis-charge.	Remarks.
142	42	Mar. 16	2, St. Nicholas Square	Scarlet Fever	Apr. 22	Died.
143	30	„ 17	5, Bow Bridge Street	Erysipelas	„ 1	
144	10	„ 19	24, Bridge Street	„	„ 8	
145	6	„ 20	23, Kent Street	Scarlet Fever	May 6	
146	42	„ 25	New Humberstone	Small Pox	Apr. 26	
147	3	„ 26	Belgrave	„ „	Mar. 28	
148	10	„ 29	71, Carlisle Street	Scarlet Fever	May 13	
149	5	„ 29	67, Carlisle Street	„ „	„ 13	
150	7	„ 30	1, Bright Street	„ „	„ 13	
151	6	„ 30	39, Ash Street	„ „	„ 13	
152	4	April 3	4, Thornton Lane	„ „	„ 13	Died. (Malignant.)
153	4	„ 3	50, West Holme Street	„ „	„ 13	
154	56	„ 12	Boro' Fever Hospital	Erysipelas	Apr. 30	
155	3	„ 14	93, Andrew Street	Scarlet Fever	„ 26	
156	11	„ 14	„ „	„ „	June 3	
157	5	„ 15	„ „	„ „	May 8	
158	5	„ 17	174, Willow Street	„ „	„ 27	
159	4	„ 19	29, White Street	„ „	„ 27	
160	6	„ 19	8, Joseph Street	„ „	„ 27	
161	9	„ 19	20, Preston Street	„ „	„ 27	
162	5	„ 19	39, Ash Street	„ „	„ 27	Died. (Malignant.)
163	2	„ 19	„ „	„ „	„ 27	
164	9	„ 21	1, Henry Street	„ „	„ 31	
165	6	May 5	29, White Street	„ „	June 17	
166	7	„ 5	„ „	„ „	„ 17	
167	6	„ 5	144, Birstall Street	„ „	„ 17	
168	6	„ 5	195, „	„ „	May 9	
169	3	„ 5	„ „	„ „	„ 27	
170	35	„ 6	44, Thornton Lane	Erysipelas	„ 27	

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
171	5	May 8	19, Dannett Street	Scarlet Fever	July 1	
172	25	„ 11	271, Syston Street	Erysipelas	June 25	
173	19	„ 17	Wharf Street	„	May 27	
174	8	„ 17	101, Catesby Street	Scarlet Fever	July 1	
175	8	„ 18	15, Braunstone Gate	„ „	„ 1	
176	32	„ 18	101, Catesby Street	„ „	June 10	
177	2	„ 18	„ „	„ „	„ 17	
178	21	„ 20	74, Humberstone Gate	Erysipelas	May 27	
179	38	„ 20	5, Hampden Street	Small Pox	June 17	
180	5	„ 20	5, Carlisle Street	Scarlet Fever	July 1	
181	10	„ 20	101, Catesby Street	„ „	„ 1	
182	10	„ 24	„ „	„ „	„ 15	
183	6	„ 26	54, Red Cross Street	„ „	„ 1	
184	4	„ 26	„ „	„ „	„ 1	
185	27	„ 26	Knighton Street	Erysipelas	June 3	
186	7	„ 27	Ct. A, Thornton Lane	Scarlet Fever	July 15	
187	32	June 1	5, Hampden Street	Small Pox	June 7	Died. Unvaccinated.
188	9	„ 2	„ „	„ „	„ 17	
189	40	„ 2	5, Lichfield Street	Erysipelas	„ 17	
190	8	„ 3	6, Baker Street	Scarlet Fever	„ 10	
191	3	„ 3	10, Peacock Lane	„ „	July 8	
192	6	„ 17	10, Sandacre Street	„ „	„ 29	
193	32	„ 19	5, Hampden Street	Small Pox	June 25	Died. (Malignant.)
194	7	„ 24	Short Street	Scarlet Fever	Aug. 5	
195	5	„ 27	31, Thornton Lane	„ „	July 9	Died. (Malignant.)
196	3	„ 27	19, Harding Street	„ „	„ 29	
197	5	„ 27	43, Thornton Lane	„ „	Aug. 5	
198	4	„ 28	31, „ „	„ „	„ 5	
199	10	July 1	19, Old Mill Lane	„ „	„ 19	



No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
200	11	July 1	43, Thornton Lane	Scarlet Fever	Aug. 5	Died. (Malignant.)
201	27	„ 2	Borough Asylum	„ „	July 15	
202	47	„ 3	8, Diamond Street	Erysipelas	„ 10	
203	11	„ 3	35, East Bond Street	Scarlet Fever	Aug. 19	
204	3	„ 3	„ „	„ „	„ 19	
205	11	„ 3	43, Thornton Lane	„ „	„ 19	
206	17	„ 4	79, Welford Road	„ „	„ 24	
207	5	„ 4	16, Thornton Lane	„ „	„ 19	
208	6	„ 6	24, Johnson Street	„ „	„ 19	
209	6	„ 6	Court A, Sanvey Gate	„ „	„ 5	
210	6	„ 6	Infirmiry	„ „	„ 12	
211	16	„ 7	Glen House	„ „	„ 12	
212	30	„ 7	74, Earl Howe Street	Erysipelas	July 14	
213	7	„ 11	Martin Street	Scarlet Fever	„ 13	
214	7	„ 17	167, Humberstone Gt.	„ „	Aug. 26	
215	6	„ 20	8, Fox Lane	„ „	Sept. 2	
216	6	„ 21	12, Old Mill Lane	„ „	„ 2	
217	12	„ 28	26, Up. Charnwood St.	„ „	„ 2	
218	2	Aug. 1	9, Brandon Street	„ „	Aug. 6	
219	3	„ 1	5, Flint Street	„ „	Sept. 2	
220	4	„ 2	14, North Bridge Place	„ „	Aug. 19	
221	6	„ 2	38, Bedford Street	„ „	„ 19	
222	3	„ 2	8, Fox Lane	„ „	„ 12	
223	2	„ 3	14, North Bridge Place	„ „	„ 12	
224	2	„ 3	15, Green Street	„ „	„ 12	
225	5	„ 3	22, Grondon Street	„ „	Sept. 9	
226	4	„ 3	11, Horton Street	„ „	„ 9	
227	2	„ 4	„ „	„ „	„ 9	
228	7	„ 4	22, Bradgate Street	„ „	„ 9	

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
229	7	Aug. 6	2, Frog Island	Scarlet Fever	Sept. 15	Died.
230	26	„ 8	Bakehouse Lane	Erysipelas	„ 15	
231	8	„ 9	50, Preston Street	Scarlet Fever	„ 9	
232	37	„ 15	Union	Small Pox	Oct. 7	
233	4	„ 15	34, Victoria Street	Scarlet Fever	„ 3	
234	6	„ 16	30, Orchard Street	„ „	Sept. 23	
235	60	„ 16	20, Abbey Street	Erysipelas	„ 2	
236	26	„ 16	Wellington Street	„	„ 2	
237	13	„ 17	207, Humberstone Rd.	Scarlet Fever	„ 30	
238	29	„ 19	31, Thornton Lane	„ „	„ 30	
239	2	„ 19	Chandos Street	„ „	„ 15	
240	6	„ 21	„ „	„ „	„ 23	
241	10	„ 21	Nichols Street	„ „	„ 30	
242	1	„ 21	31, Thornton Lane	„ „	„ 26	
243	23	„ 22	28, Bradgate Street	„ „	„ 15	
244	3	„ 22	31, Thornton Lane	„ „	„ 30	
245	7	„ 26	8, Corah Street	„ „	Oct. 7	
246	3	„ 26	16, Thornton Lane	„ „	„ 7	
247	14	„ 31	36, Porter Street	„ „	Sept. 30	
248	14	„ 31	16, Thornton Lane	„ „	„ 23	
249	8	„ 31	30, Orchard Street	„ „	„ 30	
250	4	„ 31	43, York Street	„ „	Oct. 14	
251	17	„ 31	36, Porter Street	„ „	Sept. 30	
252	15	Sept. 1	14, Willow Street	„ „	Oct. 7	
253	14	„ 1	7, Marston Street	„ „	„ 7	
254	9	„ 2	16, Gravel Street	„ „	„ 14	
255	6	„ 2	3, Infirmary Square	„ „	„ 7	
256	3	„ 5	4, Cyprus Cottages	„ „	Nov. 3	
257	7	„ 5	4, „ „	„ „	„ 3	

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
258	3	Sept. 5	1, Cyprus Cottages	Scarlet Fever	Sept. 29	Died.
259	3	„ 6	57, Ash Street	„ „	Oct. 7	
260	20	„ 6	34, East Street	Erysipelas	Sept. 30	
261	3	„ 6	3, Cyprus Cottages	Scarlet Fever	Oct. 14	
262	3	„ 6	56, Curzon Street	„ „	„ 21	
263	12	„ 6	16, Welford Road	„ „	„ 14	
264	4	„ 8	167, Humberstone Rd.	„ „	„ 21	
265	21	„ 12	42, Abbey Street	„ „	Nov. 3	
266	9	„ 12	10, Castle Yard	„ „	Oct. 21	
267	13	„ 12	37, Brougham Street	„ „	„ 22	
268	8	„ 12	12, Fuller Street	„ „	„ 14	
269	64	„ 12	38, Grosvenor Street	Erysipelas	„ 14	
270	9	„ 13	7, Spinney Hill Road	Scarlet Fever	„ 14	
271	10	„ 13	24, Oxendon Street	„ „	„ 14	
272	4	„ 14	36, Asylum Street	„ „	„ 28	
273	20	„ 15	Bedford Street	Erysipelas	Sept. 28	
274	3	„ 16	{ 2, Kent Street, New Bridge Street }	Scarlet Fever	Oct. 28	
275	16	„ 16	58, All Saints Road	„ „	„ 28	
276	7	„ 17	8, Victoria Street	„ „	„ 27	
277	3	„ 18	168, Argyle Street	„ „	Nov. 4	
278	35	„ 19	46, Clarendon Street	Erysipelas	Oct. 7	
279	2	„ 19	Ct. A, Belgrave Gate	Scarlet Fever	„ 28	
280	43	„ 20	5, Benford Street	Erysipelas	„ 11	
281	3	„ 20	44, Lower Willow St.	Scarlet Fever	Nov. 7	
282	7	„ 21	Court B, Littleton St.	„ „	„ 3	
283	5	„ 21	7, Friars Road	„ „	Oct. 28	
284	7	„ 21	66, Charnwood Street	„ „	Nov. 3	
285	5	„ 21	164, Argyle Street	„ „	„ 3	
286	10	„ 22	10, North Bridge Place	„ „	Oct. 28	

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
287	6	Sept. 23	74, Sherrard Street	Scarlet Fever	Nov. 3	
288	12	" 23	12, Henry Street	" "	Oct. 14	
289	5	" 23	" "	" "	" 30	
290	3	" 23	" "	" "	" 27	
291	8	" 24	74, Sherrard Street	" "	" 7	
292	3	" 25	41, Cardigan Street	" "	Nov. 7	
293	8	" 25	15, Wright Street	" "	" 7	
294	5	" 26	2, Infirmary Square	" "	" 10	
295	6	" 26	11, Orton Street	" "	" 3	
296	11	" 26	67, Martin Street	" "	" 3	
297	5	" 26	4, Ct. B, Grosvenor St.	" "	" 3	
298	18	" 26	3, Olive Street	" "	Dec. 2	
299	4	" 26	5, Court B, Outram St.	" "	Nov. 3	
300	4	" 27	12 Old Mill Lane	" "	" 3	
301	40	" 27	18, Henshaw Street	Erysipelas	Oct. 12	
302	7	" 28	18, Junior Street	Scarlet Fever	Nov. 3	
303	8	" 29	56, Burgess Street	" "	Oct. 28	
304	76	" 29	175, Syston Street	Erysipelas	Nov. 16	
305	3	" 29	50, Grange Lane	Scarlet Fever	" 16	
306	3	" 30	43, Northgate Street	" "	" 10	
307	4	" 30	3, Frog Island	" "	" 3	
308	66	" 30	11, Baker Street	Erysipelas	" 16	
309	3	Oct. 2	Humberstone Gate	Scarlet Fever	" 11	
310	6	" 2	Infirmary	" "	" 3	
311	6	" 2	19, Dannett Street	" "	" 16	
312	3	" 2	53, East Bond Street	" "	Oct. 15	Died.
313	7	" 2	25, Baker Street	" "	Nov. 31	
314	7	" 3	7, Countess Street	" "	" 15	
315	7	" 3	Court A, Frog Island	" "	" 3	

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
316	3	Oct. 3	48, Catherine Street	Scarlet Fever	Oct. 28	
317	6	" 3	" "	" "	Nov. 3	
318	4	" 4	11, Birstall Street	" "	" 3	
319	3	" 4	59, Up. Charnwood St.	" "	" 11	
320	6	" 5	34, All Saints Road	" "	" 15	
321	8	" 5	71, Chester Street	" "	Oct. 25	
322	8	" 6	11, Grondon Street	" "	Nov. 11	
323	4	" 6	11, Laxton Street	" "	" 18	
324	2	" 7	44, Grange Lane	" "	" 1	Died.
325	2	" 7	6, Mill Lane	" "	" 10	
326	7	" 9	1, Gosling Street	" "	" 18	
327	24	" 9	32, Metcalf Street	" "	Oct. 28	
328	15	" 9	17, Devonshire Street	" "	Nov. 1	
329	4	" 10	22, Slater Street	" "	" 3	
330	5	" 10	47, Junction Road	" "	" 18	
331	4	" 10	41, Brown Street	" "	" 18	
332	7	" 10	Court A, Brown Street	" "	" 20	
333	5	" 10	" "	" "	" 20	
334	25	" 10	28, Gladstone Street	Erysipelas	Oct. 19	
335	4	" 10	62 Oxford Street	Scarlet Fever	Nov. 10	
336	3	" 11	21, Victoria Street	" "	" 10	
337	25	" 11	8, " "	" "	Oct. 28	
338	14	" 11	Infirmity	" "	Nov. 17	
339	5	" 11	13, Fennell Street	" "	" 24	
340	20	" 11	The Home, Stoneygate	" "	" 18	
341	17	" 11	" "	" "	" 18	
342	18	" 11	" "	" "	" 18	
343	20	" 11	" "	" "	Dec. 2	
344	23	" 11	" "	" "	Nov. 23	

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
345	18	Oct. 11	The Home, Stoneygate	Scarlet Fever	Nov. 18	
346	18	" 11	" "	" "	Dec. 1	
347	21	" 11	" "	" "	Nov. 18	
348	18	" 11	" "	" "	Dec. 23	
349	9	" 11	6, Sparkenhoe Street	" "	Nov. 21	
350	17	" 12	The Home, Stoneygate	" "	" 18	
351	18	" 12	" "	" "	Dec. 23	
352	3	" 12	1, Gosling Street	" "	Nov. 18	
353	21	" 14	The Home, Stoneygate	" "	" 18	
354	19	" 14	" "	" "	" 18	
355	6	" 14	18, Oxford Street	" "	" 23	
356	5	" 14	" "	" "	" 23	
357	10	" 14	45, Farnham Street	" "	" 7	
358	3	" 14	18, East Street	" "	" 3	Died.
359	32	" 14	4, Northgates	Erysipelas	Oct. 25	
360	3	" 14	15, Brown Street	Scarlet Fever	Nov. 18	
361	18	" 14	Railway Station	Erysipelas	Oct. 22	Died.
362	5	" 14	15, Brown Street	Scarlet Fever	Nov. 18	
363	6	" 14	35, Carlisle Street	" "	" 18	
364	21	" 14	Infirmery	" "	" 25	
365	7	" 14	36, Preston Street	" "	" 11	
366	18	" 14	The Home, Stoneygate	" "	" 18	
367	20	" 14	" "	" "	" 18	
368	15	" 14	" "	" "	" 18	
369	5	" 14	Court K, Oxford Street	" "	" 24	
370	3	" 14	2, Oxford Street	" "	" 23	
371	7	" 14	19, Crown Street	" "	" 30	
372	13	" 14	2, Biddulph Street	" "	Dec. 2	
373	25	Sept. 15	The Infirmary	" "	Nov. 18	

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
374	10	Oct. 20	The Infirmary	Scarlet Fever	Nov. 25	
375	17	" 20	" "	" "	" 18	
376	3	" 20	36, Preston Street	" "	" 18	
377	6	" 20	8, Denman Street	" "	Dec. 2	
378	3	" 20	Court C, Alexander St.	" "	Nov. 18	
379	5	" 20	8, Russell Street	" "	Dec. 7	
380	15	" 20	72, Humberstone Gate	" "	" 13	
381	10	" 22	35, Baker Street	" "	" 2	
382	3	" 22	25, Oxford Street	" "	Nov. 20	
383	5	" 22	15, Kent Street	" "	" 18	
384	2	" 23	283, Syston Street	" "	" 11	
385	5	" 23	4, Northgates	" "	Dec. 2	
386	3	" 23	11, Andrew Street	" "	Nov. 23	
387	5	" 23	36, Preston Street	" "	Oct. 26	Died.
388	3	" 23	11, Grondon Street	" "	Dec. 9	
389	6	" 23	24, Andrew Street	" "	Nov. 18	
390	21	" 24	The Home, Stoneygate	" "	" 18	
391	3	" 24	7, Fleet Street	" "	" 18	
392	16	" 24	112, Crafton Street	" "	" 18	
393	4	" 25	60, Syston Street	" "	" 25	
394	5	" 26	56, Grange Lane	" "	" 24	
395	21	" 26	The Infirmary	" "	Dec. 2	
396	3	" 27	" "	" "	" 24	
397	5	" 29	69, Friday Street	" "	" 2	
398	5	" 29	9, Parliament Street	" "	Nov. 25	
399	2	" 29	" "	" "	" 25	
400	19	" 30	The Infirmary	" "	" 18	
401	16	" 30	" "	" "	" 18	
402	15	" 30	" "	" "	Dec. 1	Died.



No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
403	19	Nov. 1	The Home, Stoneygate	Scarlet Fever	Dec. 23	
404	20	" 1	" "	" "	Nov. 30	
405	17	" 1	" "	" "	" 23	
406	19	" 1	" "	" "	Dec. 18	
407	20	" 1	" "	" "	" 7	
408	21	" 1	" "	" "	Nov. 23	
409	20	" 1	" "	" "	Dec. 18	
410	18	" 1	" "	" "	Nov. 28	
411	18	" 1	" "	" "	" 28	
412	19	" 1	" "	" "	" 28	
413	20	" 1	" "	" "	Dec. 18	
414	17	" 1	" "	" "	Nov. 23	
415	16	" 1	" "	" "	" 28	
416	18	" 1	" "	" "	Dec. 18	
417	22	" 1	The Infirmary	" "	" 13	
418	6	" 1	3, Wolsey Street	" "	" 9	
419	5	" 2	25, Craven Street	" "	" 2	
420	7	" 3	8, Victoria Street	" "	" 16	
421	7	" 3	6, Oxford Street	" "	" 9	
422	6	" 3	20, Watling Street	" "	Nov. 30	
423	23	" 4	The Infirmary	" "	Dec. 2	
424	4	" 6	84, Sanvey Gate	" "	Nov. 30	
425	5	" 6	2, Crystal Street	" "	" 30	
426	7	" 7	13, St. Peter's Lane	" "	Dec. 12	
427	6	" 7	" "	" "	" 12	
428	4	" 7	3, Great Holme Street	" "	" 11	
429	11	" 7	The Infirmary	" "	Nov. 29	
430	23	" 8	The Home, Stoneygate	" "	" 23	
431	23	" 8	" "	" "	" 30	

No.	Age.	Date of Admis- sion.	Residence.	Disease.	Date of Dis- charge.	Remarks.
432	23	Nov. 8	The Infirmary	Scarlet Fever	Dec. 6	Died.
433	7	„ 10	35, Emerald Street	„ „	„ 23	
434	3	„ 10	2, Chapel Well Yard	„ „	„ 12	
435	23	„ 10	The Infirmary	„ „	„ 4	
436	8	„ 10	17, Atkins Road	„ „	„ 16	
437	22	„ 11	17, Albion Street	„ „	„ 14	
438	24	„ 12	Fever Hospital	Erysipelas	„ 7	
439	5	„ 13	41, Knighton Street	Scarlet Fever	„ 12	
440	4	„ 13	21, Victoria Street	„ „	„ 12	
441	40	„ 13	The Home, Stoneygate	„ „	Nov. 23	
442	32	„ 13	„ „	„ „	Dec. 11	
443	5	„ 13	Court II Oxford St.	„ „	„ 16	
444	4	„ 13	„ K, Church Gate	„ „	„ 16	
445	3	„ 15	The Infirmary	„ „	„ 20	
446	7	„ 15	„ „	„ „	„ 20	
447	26	„ 15	3, Curzon Street	„ „	Nov. 27	
448	6	„ 15	12, Graddon Street	„ „	Dec. 16	
449	3	„ 16	63, Britannia Street	„ „	Nov. 19	
450	7	„ 16	6, Sparkenhoe Street	„ „	Dec. 2	
451	16	„ 18	9, Ann Street	„ „	„ 23	
452	11	„ 18	208, Argyle Street	„ „	„ 23	
453	4	„ 18	79, Denman Street	„ „	„ 12	
454	7	„ 18	„ „	„ „	„ 12	
455	9	„ 20	1, Curzon Street	„ „	„ 19	
456	21	„ 20	The Home, Stoneygate	„ „	„ 9	
457	20	„ 20	„ „	„ „	„ 23	
458	17	„ 20	„ „	„ „	„ 9	
459	17	„ 20	„ „	„ „	„ 9	
460	18	„ 21	„ „	„ „	„ 2	

No.	Age.	Date of Admis- sion.	Residence.	Disease.	Date of Dis- charge.	Remarks.
461	4	Nov. 21	12, Henshaw Street	Scarlet Fever	Dec. 23	Died.
462	6	„ 21	Diseworth Street	„ „	Nov. 24	
463	3	„ 21	50, Asylum Street	„ „		
464	10	„ 23	54, Emerald Street	„ „		
465	8	„ 23	„ „	„ „		
466	7	„ 23	67, Martin Street	„ „		
467	3	„ 23	„ „	„ „	Dec. 10	Died.
468	12	„ 23	Diseworth Street	„ „		
469	9	„ 27	17, Neale Street	„ „		
470	7	„ 27	40, New Bridge Street	„ „		
471	4	„ 28	1, Magenta Street	„ „		
472	11	„ 28	34, All Saints Road	„ „	„ 11	Died.
473	4	„ 28	„ „	„ „		
474	10	„ 29	10, Jarvis Street	„ „		
475	7	„ 29	71, Carley Street	„ „		
476	3	„ 29	22, Victoria Street	„ „		
477	10	„ 30	187, Belgrave Gate	„ „		
478	2	Dec. 2	71, Carley Street	„ „		
479	6	„ 4	8, Lower Garden St.	„ „		
480	4	„ 4	„ „ „	„ „		
481	2	„ 4	„ „ „	„ „		
482	8	„ 4	6, Denman Street	„ „		
483	6	„ 4	36, Carley Street	„ „		
484	7	„ 4	48, Aylestone Street	„ „		
485	2	„ 4	12, All Saints Road	„ „		
486	6	„ 4	28, Craven Street	„ „		
487	6	„ 4	2, Kent Street	„ „		
488	5	„ 5	3, York Square	„ „		
489	6	„ 6	10, Alice Street	„ „		

No.	Age.	Date of Admission.	Residence.	Disease.	Date of Discharge.	Remarks.
490	6	Dec. 7	39, Bradgate Street	Scarlet Fever	Dec. 18	Died.
491	12	" 7	12, Palmerston Street	" "		
492	5	" 9	58, Friars Causeway	" "		
493	7	" 9	" "	" "		
494	5	" 9	2, Bell Lane	" "		
495	3	" 11	6, Ct. P, Northgates	" "		
496	7	" 12	11, Elbow Lane	" "		
497	6	" 13	22, Bardolph Street	" "		
498	4	" 13	23, Causeway Lane	" "		
499	6	" 15	53, Paradise Place	" "		
500	3	" 16	6, Free Lane	" "		
501	2	" 16	" "	" "		
502	3	" 16	3, Carlisle Street	" "		
503	8	" 18	34, All Saints Road	" "		
504	4	" 19	48, Clarendon Street	" "		
505	8	" 21	3, Jewry Wall Street	" "		
506	4	" 21	4, Soar Lane	" "		
507	11	" 22	75, Royal East Street	" "		
508	5	" 22	" " "	" "		
509	4	" 22	20, Rudkin Street	" "		
510	5	" 22	21, Blake Street	" "		
511	6	" 22	20, St. Peter's Lane	" "		
512	8	" 22	" "	" "		
513	14	" 22	16, Mowbray Street	" "		
514	7	" 22	48, Clarendon Street	" "		
515	3	" 22	" "	" "		





TABLE OF DEATHS FOR THE QUARTER ENDING JULY 1st, 1882.

[illegible]





TABLE OF DEATHS FOR THE QUARTER ENDING SEPT. 30, 1882.

[illegible]





TABLE OF DEATHS FOR THE QUARTER ENDING DEC. 31st, 1882.

[illegible]





TABLE OF DEATHS FOR THE YEAR ENDING DEC. 31st, 1882.

[illegible]













# MAP OF LEICESTER IN 1883.



● Marks indicate deaths from Measles.  
 ● " " " Scarlet Fever.  
 ● " " " Erysipelas.  
 + " " " Enteric Fever.  
 ● " " " Diarrhoea.

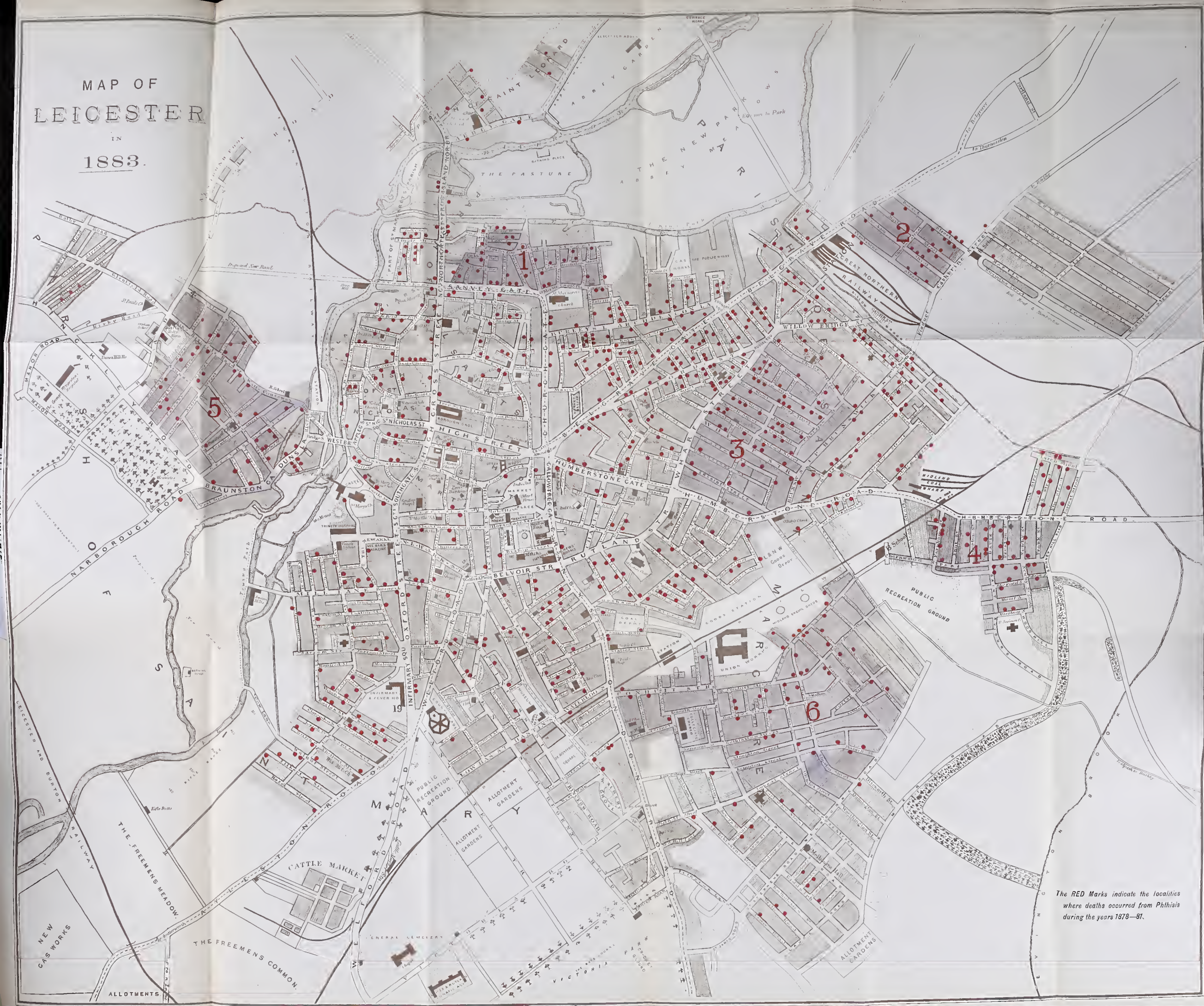
During the Year 1882.







MAP OF  
LEICESTER  
IN  
1883.



The RED Marks indicate the localities  
where deaths occurred from Phthisis  
during the years 1878-87.



